

Orange and Blue

(ALABAMA POLYTECHNIC INSTITUTE, AUBURN)

Vol. XV

Auburn, Ala., November 25, 1908

No. 6

Published by a Board of Editors from the Senior and Junior Classes.

Devoted to the General Interests of the College

Entered at the Post Office at Auburn, Ala., as second class mail matter, in accordance with Act of Congress of March 3, 1879.

Subscription Rates, \$1.00 Per Year.

Address all matter intended for publication to the Editor-in-Chief.

Business communications should be sent to the Business Manager.

BOARD OF EDITORS.

W. I. PITTMAN	Editor-in-Chief
S. H. RICHARDSON	Assistant Editor-in-Chief
R. A. BURLESON	Business Manager
E. W. LIND	Assistant Business Manager
J. W. POWELL	Advertising Manager
B. H. MOON	Cartoonist
D. HERREN	Sporting Editor
M. B. GOTTLIEB	Literary Editor
E. E. BINFORD	Social Editor
B. E. HARRIS	Exchange Editor
W. C. ABBOTT	Photographer
H. J. CHATTERTON	Agricultural Editor
J. G. STETZENMULLER	Engineering Editor
J. E. Grady	Junior Associate Editor
W. A. Dowling	Junior Assistant Business Manager
J. J. Keys	Junior Assistant Advertising Manager

COLLEGE DIRECTORY.

Methodist Church—Rev. D. P. Slaughter, pastor. Preaching every Sunday at 11 a.m. and 7 p. m. Epworth League at 5 p. m. Sunday School, 9:30 a. m., C. C. Thach, superintendent.

Baptist Church—Rev. M. P. Edwards, pastor. Preaching every Sunday at 11 a. m. and 7 p. m. Prayer meeting Wednesday 7:30 p. m. B. Y. P. U. Sunday 5. p. m. Sunday School 9:30 a. m., J. F. Duggar, superintendent.

Presbyterian Church—Rev. J. B. Ward, pastor. Preaching every Sunday at 11 a. m. and 7 p. m. Prayer meeting Wednesday 7:30 p. m. Sunday School, 9:30 a. m., C. A. Cary, superintendent.

Episcopal Church—Rev. M. E. Bethea, rector. Preaching every Sunday at 11 a. m. and 5 p. m. Sunday School, 9:30 a. m., S. L. Toomer, superintendent.

Y. M. C. A.—S. O. White, president; W. I. Pittman, vice-president; O. M. Geibel, secretary; C. M. Howard, treasurer.

Football—J. T. McLure, Captain; C. A. Wilmore, Manager.

Websterian Literary Society—W. M. Howell President. Meeting every Saturday night at eight o'clock in Websterian Hall.

Wirt Literary Society—S. H. Richardson, president. Meeting every Saturday night at seven o'clock in Wirt Hall.

Senior Class—B. E. Harris, president; T. C. Mitchell, vice-president; L. H. Hubbard, secretary; A. H. Skinner, treasurer; S. H. Richardson, historian; Miss Hattie Finley, poet; prophet and orator to be selected.

Fraternities in order of establishment at Auburn—Phi Delta Theta, Alpha Tau Omega, Kappa Alpha, Sigma Alpha Epsilon, Sigma Nu, Pi Kappa Alpha, Kappa Sigma, Theta Nu Epsilon.

Orange and Blue

(ALABAMA POLYTECHNIC INSTITUTE, AUBURN)

Vol. XV Auburn, Ala., November 25, 1908 No. 6

Published by a Board of Editors from the Senior and Junior Classes.
Devoted to the General Interests of the College

Entered at the Post Office at Auburn, Ala., as second class mail matter,
in accordance with Act of Congress of March 3, 1879.

Subscription Rates; \$1.00 Per Year.

Address all matter intended for publication to the Editor-in-Chief.
Business communications should be sent to the Business Manager.

BOARD OF EDITORS.

W. I. PITTMAN	Editor-in-Chief
S. H. RICHARDSON	Assistant Editor-in-Chief
R. A. BURLESON	Business Manager
E. W. LIND	Assistant Business Manager
J. W. POWELL	Advertising Manager
B. H. MOON	Cartoonist
D. HERREN	Sporting Editor
M. B. GOTTLIEB	Literary Editor
E. E. BINFORD	Social Editor
B. E. HARRIS	Exchange Editor
W. C. ABBOTT	Photographer
H. J. CHATTERTON	Agricultural Editor
J. G. STETZENMULLER	Engineering Editor
J. E. Grady	Junior Associate Editor
W. A. Dowling	Junior Assistant Business Manager
J. J. Keys	Junior Assistant Advertising Manager

COLLEGE DIRECTORY.

Methodist Church—Rev. D. P. Slaughter, pastor. Preaching every Sunday at 11 a.m. and 7 p.m. Epworth League at 5 p.m. Sunday School, 9:30 a.m., C. C. Thach, superintendent.

Baptist Church—Rev. M. P. Edwards, pastor. Preaching every Sunday at 11 a.m. and 7 p.m. Prayer meeting Wednesday 7:30 p.m. B. Y. P. U. Sunday 5. p.m. Sunday School 9:30 a.m., J. F. Duggar, superintendent.

Presbyterian Church—Rev. J. B. Ward, pastor. Preaching every Sunday at 11 a.m. and 7 p.m. Prayer meeting Wednesday 7:30 p.m. Sunday School, 9:30 a.m., C. A. Cary, superintendent.

Episcopal Church—Rev. M. E. Bethea, rector. Preaching every Sunday at 11 a.m. and 5 p.m. Sunday School, 9:30 a.m., S. L. Toomer, superintendent.

Y. M. C. A.—S. O. White, president; W. I. Pittman, vice-president; O. M. Geibel, secretary; C. M. Howard, treasurer.

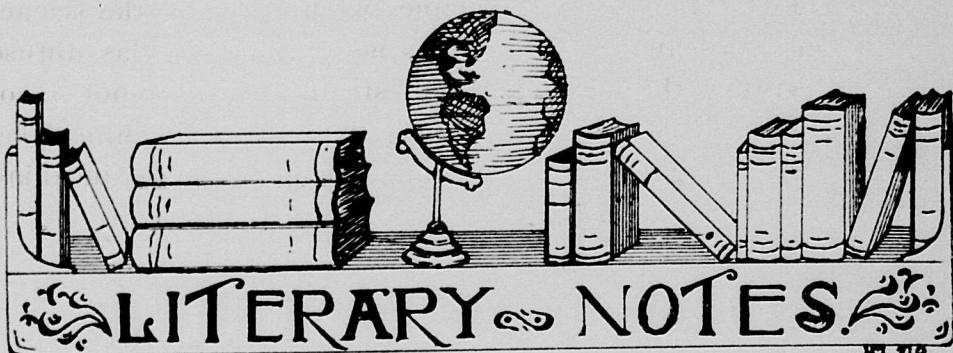
Football—J. T. McLure, Captain; C. A. Wilmore, Manager.

Websterian Literary Society—W. M. Howell President. Meeting every Saturday night at eight o'clock in Websterian Hall.

Wirt Literary Society—S. H. Richardson, president. Meeting every Saturday night at seven o'clock in Wirt Hall.

Senior Class—B. E. Harris, president; T. C. Mitchell, vice-president; L. H. Hubbard, secretary; A. H. Skinner, treasurer; S. H. Richardson, historian; Miss Hattie Finley, poet; prophet and orator to be selected.

Fraternities in order of establishment at Auburn—Phi Delta Theta, Alpha Tau Omega, Kappa Alpha, Sigma Alpha Epsilon, Sigma Nu, Pi Kappa Alpha, Kappa Sigma, Theta Nu Epsilon.



LITERARY NOTES.

M. B. GOTTLIEB, *Editor.*

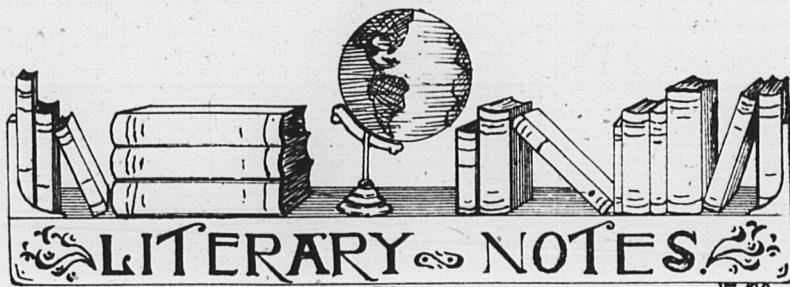
MEGAZINEANISM.

This century in which we live, especially the beginning of it, has been named profusely: We call it the century of electricity, of air-ships, of breakfast foods, of foot ball and of the Directoire. But with all this array of names, the century is still inadequate-ly named—it only gives a vague and hazy idea of the extent of our time. And it seems that the only appropriate name, if we only give it a serious thought, must be from the law of selection, the century of the college magazine.

Many magazines are published nowadays; magazines that are tailor-made, and magazines that are cast in Carnegie furnaces at Altuna bearing the union label; magazines about earless corn and oxygenated foot ballists; and in all we may read side by side an "attempt" at Horace and an essayless essay. Trying to be Atlantic, they confuse their "swimming hole" with the Pacific, and meaning "Plymouth Hen," they phonetically call it "Plym-outh Rock."

And things are impossible no longer. We can at any time get the latest by "Lilly," the proposed height of Babel and the length of Methuselah's trousers, all in a bunch direct from any magazine incubator. As a matter of fact, the magazine is the college nowadays, and we read the signs of the times. For if a "Hand-pike" is a demonstrator, why could not an "early bird" be an inductive current? And so we read magazines to our heart's desire, in kid gloves and yellow jackets and blue spectacles.

If we care to be scholars, literari, men of the world, specialists or prevaricators, we saunter to the exchange table and take



LITERARY NOTES.

HL US.

M. B. GOTTLIEB, *Editor.*

MEGAZINEANISM.

This century in which we live, especially the beginning of it, has been named profusely: We call it the century of electricity, of air-ships, of breakfast foods, of foot ball and of the Directoire. But with all this array of names, the century is still inadequately named—it only gives a vague and hazy idea of the extent of our time. And it seems that the only appropriate name, if we only give it a serious thought, must be from the law of selection, the century of the college magazine.

Many magazines are published nowadays; magazines that are tailor-made, and magazines that are cast in Carnegie furnaces at Altuna bearing the union label; magazines about earless corn and oxygenated foot ballists; and in all we may read side by side an "attempt" at Horace and an essayless essay. Trying to be Atlantic, they confuse their "swimming hole" with the Pacific, and meaning "Plymouth Hen," they phonetically call it "Plymouth Rock."

And things are impossible no longer. We can at any time get the latest by "Lilly," the proposed height of Babel and the length of Methuselah's trousers, all in a bunch direct from any magazine incubator. As a matter of fact, the magazine is the college nowadays, and we read the signs of the times. For if a "Hand-pike" is a demonstrator, why could not an "early bird" be an inductive current? And so we read magazines to our heart's desire, in kid gloves and yellow jackets and blue spectacles.

If we care to be scholars, literati, men of the world, specialists or prevaricators, we saunter to the exchange table and take

it "straight." For in the magazines we find it all—the sciences and humanities and air. And this new "learning" has diffused in this century through all human strata. We cannot avoid meeting this learned-by-magazine type: Magazine philosophers and artists; magazine writers and critics, and magazineanias.

Because morals and learning and life itself rests with the college magazine, we may find it everywheres—in the home, in the library, in the nursery and the asylum.

The Q. B. stuffs his headgear with the magazine; the boarding cells have their walls covered with it, and in the home—in the home it is the household God! The Etiquette Magazine in the parlor; the Hot Air Magazine on the veranda; the Fashion Magazine for the wife. The daughter has her Correct Shape Magazine, receiving sixty novels per week gratis. The son who belongs to the "Anti-Race Suicide" Club gets the Motor-Auia and How-to-Wear-Goggles Magazine. And the rooms gradually overflow with magazines, under chairs and in china-closets; little magazines and large ones; with covers and without insides; sane and insane.

The opportune and 13,000,000 other kindergarten connoisseurs look at the magazines and count the Old Man's profits. For long ago college magazines were dear and life cheap; they only used the magazines to cure the puddle-dog's percopalaii or to hide the pane's nakedness. But changes have taken place—the college magazine is cheap, while life is very dear. It is the magazine that can be had for a cigarette, while life we can only have by the sweat of the brow, by the thickness of our brass, and the unlimited means. —

Gossiping of college magazines, we cannot resist the longing of Emerson's famous headline that "things ride mankind that are in the saddle." *Magnis tamen excidit ausis.* Having read the Georgian, we cannot help but admire what seems to be their chief aim. *Den Gegen stand fest zu halten.* We can appreciate the admirable *theme* of Professor Hooper on Heidelberg University, knowing how truly and sincerely it is rendered. From a personal knowledge of *that* life, there can be little said that will add to what the Herr Professor tells us. The "Waltz" could pass even a parochial criticism, and in one so young it inspires hopes,

it "straight." For in the magazines we find it all—the sciences and humanities and air. And this new "learning" has diffused in this century through all human strata. We cannot avoid meeting this learned-by-magazine type: Magazine philosophers and artists; magazine writers and critics, and magazineaniacs.

Because morals and learning and life itself rests with the college magazine, we may find it everywheres—in the home, in the library, in the nursery and the asylum.

The Q. B. stuffs his headgear with the magazine; the boarding cells have their walls covered with it, and in the home—in the home it is the household God! The Etiquette Magazine in the parlor; the Hot Air Magazine on the veranda; the Fashion Magazine for the wife. The daughter has her Correct Shape Magazine, receiving sixty novels per week, gratis. The son who belongs to the "Anti-Race Suicide" Club gets the Motor-Avia and How-to-Wear-Goggles Magazine. And the rooms gradually overflow with magazines, under chairs and in china-closets; little magazines and large ones; with covers and without insides; sane and insane.

The opportune and 13,000,000 other kindergarten connoisseurs look at the magazines and count the Old Man's profits. For long ago college magazines were dear and life cheap; they only used the magazines to cure the puddle-dog's percopalai or to hide the pane's nakedness. But changes have taken place—the college magazine is cheap, while life is very dear. It is the magazine that can be had for a cigarette, while life we can only have by the sweat of the brow, by the thickness of our brass, and the unlimited means. —

Gossiping of college magazines, we cannot resist the longing of Emerson's famous headline that "things ride mankind that are in the saddle." *Magnis tamen credidit ausis.* Having read the Georgian, we cannot help but admire what seems to be their chief aim. *Den Gegen stand fest zu halten.* We can appreciate the admirable *theme* of Professor Hooper on Heidelberg University, knowing how truly and sincerely it is rendered. From a personal knowledge of *that* life, there can be little said that will add to what the Herr Professor tells us. The "Waltz" could pass even a parochial criticism, and in one so young it inspires hopes,

and the question could be asked if Shakespeare at that age had even so much as the *technique* of the "Waltz." For the same reasons "a Plea of Professional Ethics" tends to "increase the numerator;" and so we say that the *Georgian* is above the "common run." Having followed the "Huntress" in the same number, we think the "attemptor," his other attempts considered, the most brilliant *arator* of whim in that Athenian "select." And how about "Another Love Story"? Can it be true that such an august personal could not have found a better utility man?

We confess a magazineaniacal avarice that gives all magazines a value in our mind; a value that carries its own premium. Now it happens that a *certain* college magazine goes into the reviewing business with nothing in stock but *mud*. That *particular* magazine undertook to hand the O. & B. an undertaker's certificate, and we ask: Is it the intrinsic value of that magazine to strike an underhand blow at us fellows? And can we do more than try—sincerely, whole-heartedly and earnestly—to do the best in a way, to give our latent efforts? To be just and reciprocating would be to say that, had we done less, it still possessed that elegance and literary requirement the college magazine, ours included, should *want* to cultivate. And so we take *that* magazine, of a splendid institution, and hand it a reflex mirror; and so we beg it *ad pardour* to read its own pamphlet, to take the dose. Their whole effort seems to be a plaster—cast of something better in its line. Take "Razorback" for his thick ears and you directly identify the *scrub*; "a painted ship on a tainted ocean." It not only lacks style, finish and a backbone, but it also is devoid of a skeleton. In "Autumn" we can feel the "filtered sunlight sportive" as by magic, "shade, tint and color the gentle zephyr's pompadour;" could but Keats rise from the dead and take a look at that *infant terrible!* That "Big Baby's Last Game" of marbles was his only "Purpose in Life," we cannot deny; but why this intestinal dyspepsia? Let one and all rise to the task, and write down thoughts—original, coherent, whole-souled and for a specific purpose; filling pages is a child's work—in this glorious age of magazines.

—M. B. GOTTLIEB.

and the question could be asked if Shakespeare at that age had even so much as the *technique* of the "Waltz." For the same reasons "a Plea of Professional Ethics" tends to "increase the numerator;" and so we say that the *Georgian* is above the "common run." Having followed the "Huntress" in the same number, we think the "attemptor," his other attempts considered, the most brilliant *arator* of whim in that Athenian "select." And how about "Another Love Story"? Can it be true that such an august personal could not have found a better utility man?

We confess a magazineaniacal avarice that gives all magazines a value in our mind; a value that carries its own premium. Now it happens that a *certain* college magazine goes into the reviewing business with nothing in stock but *mud*. That *particular* magazine undertook to hand the O. & B. an undertaker's certificate, and we ask: Is it the intrinsic value of that magazine to strike an underhand blow at us fellows? And can we do more than try—sincerely, whole-heartedly and earnestly—to do the best in a way, to give our latent efforts? To be just and reciprocating would be to say that, had we done less, it still possessed that elegance and literary requirement the college magazine, ours included, should *want* to cultivate. And so we take *that* magazine, of a splendid institution, and hand it a reflex mirror; and so we beg it *ad pardem* to read its own pamphlet, to take the dose. Their whole effort seems to be a plaster-cast of something better in its line. Take "Razorback" for his thick ears and you directly identify the scrub; "a painted ship on a tainted ocean." It not only lacks style, finish and a backbone, but it also is devoid of a skeleton. In "Autumn" we can feel the "filtered sunlight sportive" as by magic, "shade, tint and color, the gentle zephyr's pompadour;" could but Keats rise from the dead and take a look at that *infant terrible!* That "Big Baby's Last Game" of marbles was his only "Purpose in Life," we cannot deny; but why this intestinal dyspepsia? Let one and all rise to the task, and write down thoughts—original, coherent, whole-souled and for a specific purpose; filling pages is a child's work—in this glorious age of magazines.

—M. B. GOTTLIEB.



D. HERREN, *Editor.*

Poor Donahue! He wept boo—hoo!
His tears filled seven tubs,
Because he played his varsity
And could have won with scrubs.

Old Penton lost three ribs—the cost—
Fighting L. S. U.
But that just made him easier bend
To make the touch-downs true.

For Hardage dear, we had a fear,
For he had lost one leg;
He got the ball and ran three miles
Upon a wooden peg.

Old Reynolds kicks and does smart tricks,
But never does he knock;
And Sparkman is a spark of fire,
A solid wall is Locke.

They could not lure clear head McLure
By any new flim-flam;
Could not get thru, what e'er they'd do,
Our well made Beaver dam.

R. W. B.



D. HERREN, *Editor.*

Poor Donahue! He wept boo-hoo!
His tears filled seven tubs,
Because he played his varsity
And could have won with scrubs.

Old Penton lost three ribs—the cost—
Fighting L. S. U.
But that just made him easier bend
To make the touch-downs true.

For Hardage dear, we had a fear,
For he had lost one leg;
He got the ball and ran three miles
Upon a wooden peg.

Old Reynolds kicks and does smart tricks,
But never does he knock;
And Sparkman is a spark of fire,
A solid wall is Locke.

They could not lure clear head McLure
By any new flim-flam;
Could not get thru, what e'er they'd do,
Our well made Beaver dam.

R. W. B.

AUBURN VS. TECH.

On last Saturday November 7, Auburn's staunch band of gridiron warriors accompanied by a little bunch of rooters, journeyed to Atlanta to do battle with Georgia Tech. The various dopesters had figured that Auburn would win by at least 3 or 4 touch-downs, but the final score, 44 to 0, was a great surprise to all throughout the entire South, and Auburn's championship stock really became worth while.

Tech has a bunch of inexperienced men who are, it is feared, a little lacking in the grit necessary to carry them through a stiff game without blowing up. Their nervousness was partly due to the fact that they were weakened by the loss of two of their veterans—Bell and Hightower—who are out of the game on account of injuries, but the remainder of it was due to the fact that Auburn's team, guided by her sterling captain, McLure, fairly swept them off their feet by furious line plays and lightning end runs.

Tech's best playing was done by her left end, Emerson, and right half, Davis, who to all appearances are truly 20 per cent. of Tech's team.

For Auburn, her brightest star was Hardage, the fast little left half. He carried the ball repeatedly for gains of from 20 to 40 yards. He also ran 60 yards to a touch-down, and a few minutes later ran 108 yards to another touch-down. This run was the most spectacular play ever seen on an Atlanta gridiron during a championship game.

Captain McLure's and Reynold's work was also good. They repeatedly made big gains, fine tackles and returned the ball well. Penton's work in line playing was great, while "Big" Davis opened up holes big enough for a train to go through. While these men showed up more brilliantly than the others, the rest were there, nevertheless, playing all the time with that same old "Auburn spirit," "do or die," and it was due to the work of the team as a whole, not as individuals, that enabled the Tigers to triumph over the Yellowjackets.

Auburn's bunch of rooters, on a big tally-ho outrooted the entire Tech student body with a band thrown in.

Well, here is the menu served in courses:

Tech kicked off to Auburn's 5 yard line, and Hardage returned the ball 15 yards. On the first play Auburn fumbles but recov-

AUBURN VS. TECH.

On last Saturday November 7, Auburn's staunch band of gridiron warriors accompanied by a little bunch of rooters, journeyed to Atlanta to do battle with Georgia Tech. The various dopesters had figured that Auburn would win by at least 3 or 4 touch-downs, but the final score, 44 to 0, was a great surprise to all throughout the entire South, and Auburn's championship stock really became worth while.

Tech has a bunch of inexperienced men who are, it is feared, a little lacking in the grit necessary to carry them through a stiff game without blowing up. Their nervousness was partly due to the fact that they were weakened by the loss of two of their veterans—Bell and Hightower—who are out of the game on account of injuries, but the remainder of it was due to the fact that Auburn's team, guided by her sterling captain, McLure, fairly swept them off their feet by furious line plays and lightning end runs.

Tech's best playing was done by her left end, Emerson, and right half, Davis, who to all appearances are truly 20 per cent. of Tech's team.

For Auburn, her brightest star was Hardage, the fast little left half. He carried the ball repeatedly for gains of from 20 to 40 yards. He also ran 60 yards to a touch-down, and a few minutes later ran 108 yards to another touch-down. This run was the most spectacular play ever seen on an Atlanta gridiron during a championship game.

Captain McLure's and Reynold's work was also good. They repeatedly made big gains, fine tackles and returned the ball well. Penton's work in line playing was great, while "Big" Davis opened up holes big enough for a train to go through. While these men showed up more brilliantly than the others, the rest were there, nevertheless, playing all the time with that same old "Auburn spirit," "do or die," and it was due to the work of the team as a whole, not as individuals, that enabled the Tigers to triumph over the Yellowjackets.

Auburn's bunch of rooters, on a big tally-ho outrooted the entire Tech student body with a band thrown in.

Well, here is the menu served in courses:

Tech kicked off to Auburn's 5-yard line, and Hardage returned the ball 15 yards. On the first play Auburn fumbles but recov-

ers. Tech's line held and Auburn footed the ball to Tech's 50 yard line; the ball was returned 20 yards. Ayres carries ball around right end for 10 yards. Auburn then gets ball on Tech's fumble. Auburn was forced to kick the ball, going to Tech's 35 yard line. The man was downed in his tracks. Emerson carries ball around right end for 15 yards. After a series of line plays which were futile, Tech punted to Auburn's 25 yard line. On two tries at the line, goes for 2 yards. Auburn punts to Tech's 35 yard line. Ridley returns 15 yards. Tech gets 7 yards around left. An outside by Tech carried the ball to Auburn's 45 yard line, where Tech lost it. A beautiful 45 yard run by Reynolds placed the ball on Tech's 20 yard line, where a forward pass was made from McLure to Hardage to Locke, who ran to a touchdown after 15 minutes of play. Reynolds missed goal. Auburn 5, Tech 0.

Tech kicked off to Auburn's 5 yard line, and Reynolds was downed in his tracks. Auburn failed to gain, and kicked to center of field, the ball being fumbled and going out of bounds. Tech failed to gain around right, but gained 10 yards through the line on next play. On the next two plays ball was carried to Auburn's 10 yard line by long end runs. Roberts goes through for 5, and Davis goes for 3 yards, on two tries. With the ball on her 2 yard line, Auburn's line held, and the ball went over. Auburn punts out of danger to her 30 yard line, where McLure intercepts a forward pass and gains 5 yards. Auburn then punts to center of field, ball returned by Roberts 10 yards. Tech then loses 5 yards on a recovered fumble; here Tech attempted a delayed pass, and Beaver nails the man for a 10 yard loss. Tech punts to Auburn's 30 yard line, and Reynolds returns 15 yards. On a 60 yard run that set the spectators wild, Hardage makes a touchdown. Reynolds kicks goal. Score 11 to 0.

Tech kicks to Auburn's 10 yard line, and Reynolds returns 22 yards. Penton goes over for 10 yards and again for 5. Hardage goes around right for 40 yards. Reynolds goes 25 yards around left. In two plays Penton and Wynne carry the ball to Tech's 2 yard line. Then "Warhorse" Penton goes over. Reynolds kicks goal. Score 17 to 0.

Tech kicks to Auburn's 10 yard line, Hardage returning 10 yards. Penton goes over for 10. Hardage goes around left for 40 yards. Penton goes through for 23 yards. Auburn tries place

ers. Tech's line held and Auburn footed the ball to Tech's 50 yard line; the ball was returned 20 yards. Ayres carries ball around right end for 10 yards. Auburn then gets ball on Tech's fumble. Auburn was forced to kick the ball, going to Tech's 35 yard line. The man was downed in his tracks. Emerson carries ball around right end for 15 yards. After a series of line plays which were futile, Tech punted to Auburn's 25 yard line. On two tries at the line, goes for 2 yards. Auburn punts to Tech's 35 yard line. Ridley returns 15 yards. Tech gets 7 yards around left. An outside by Tech carried the ball to Auburn's 45 yard line, where Tech lost it. A beautiful 45 yard run by Reynolds placed the ball on Tech's 20 yard line, where a forward pass was made from McLure to Hardage to Locke, who ran to a touchdown after 15 minutes of play. Reynolds missed goal. Auburn 5, Tech 0.

Tech kicked off to Auburn's 5 yard line, and Reynolds was downed in his tracks. Auburn failed to gain, and kicked to center of field, the ball being fumbled and going out of bounds. Tech failed to gain around right, but gained 10 yards through the line on next play. On the next two plays ball was carried to Auburn's 10 yard line by long end runs. Roberts goes through for 5, and Davis goes for 3 yards, on two tries. With the ball on her 2 yard line, Auburn's line held, and the ball went over. Auburn punts out of danger to her 30 yard line, where McLure intercepts a forward pass and gains 5 yards. Auburn then punts to center of field, ball returned by Roberts 10 yards. Tech then loses 5 yards on a recovered fumble; here Tech attempted a delayed pass, and Beaver nails the man for a 10 yard loss. Tech punts to Auburn's 30 yard line, and Reynolds returns 15 yards. On a 60 yard run that set the spectators wild, Hardage makes a touchdown. Reynolds kicks goal. Score 11 to 0.

Tech kicks to Auburn's 10 yard line, and Reynolds returns 22 yards. Penton goes over for 10 yards and again for 5. Hardage goes around right for 40 yards. Reynolds goes 25 yards around left. In two plays Penton and Wynne carry the ball to Tech's 2 yard line. Then "Warhorse" Penton goes over. Reynolds kicks goal. Score 17 to 0.

Tech kicks to Auburn's 10 yard line, Hardage returning 10 yards. Penton goes over for 10. Hardage goes around left for 40 yards. Penton goes through for 23 yards. Auburn tries place

kick, but fails. Tech then kicks from 25 yard line to Auburn's 45 yard line. McLure returns 15 yards. Here an outside kick recovered by Reynolds, who ran 25 yards, resulted in another touchdown. Reynolds kicks goal. Score: Auburn 23, Tech 0.

SECOND HALF.

Ayres, Tech's right end, sustained a broken collar bone in the first half, and was relieved by Pearson.

Auburn kicks to Tech's 5 yard line. Ridley returns 10 yards. Tech was thrown for a 2 yard loss, and then an outside kick netted them 25 yards. They then punted to Auburn's 40 yard line. McLure returned 20 yards. Hardage goes around right for 20 yards. On an outside kick Hill gets 25 yards. On three bucks Penton goes for a touchdown. Reynolds missed goal. Score: Auburn 28, Tech 0.

Tech kicked to Hardage on Auburn's 2 yard line, and ran the entire length of the field for a touchdown. Auburn's rooters went wild, and he was cheered to the echo. Reynolds kicked goal. Score: Auburn 34, Tech 0.

Tech kicks to Auburn's 5 yard line, Hardage returning 30 yards. Auburn kicks to Tech's 40 yard line. Ridley downed in tracks by Swart. Auburn broke up an attempted forward pass, getting ball to 16 yard line. Hardage was thrown for a 5 yard loss. Tech intercepted forward pass, and carried it to her own 23 yard line. Auburn broke up an attempted forward pass, and Tech lost 10 yards. Tech kicked to her own 30 yard line, McLure signalling for a fair catch. Reynolds here kicks a field goal. Score: Auburn 38, Tech 0.

Tech kicked off to Auburn's 5 yard line. Reynolds returns 20 yards. Auburn kicks out of bounds at center of field. Tech tries on side kick, but Auburn gets the ball on her own 25 yard line. Auburn by line plunges carries the ball to her own 45 yard line, then on a good run Sparkman goes 65 yards to a touchdown. Reynolds kicks goal. Score: Auburn 44, Tech 0.

Tech kicks to Auburn's 10 yard line, and Reynolds punts back. Tech signals for a fair catch. Tech then punts back to Auburn's 30 yard line. Auburn punts out of bounds. Auburn then gets ball on an attempted forward pass. Whistle blows.

kick, but fails. Tech then kicks from 25 yard line to Auburn's 45 yard line. McLure returns 15 yards. Here an outside kick recovered by Reynolds, who ran 25 yards, resulted in another touchdown. Reynolds kicks goal. Score: Auburn 23, Tech 0.

SECOND HALF.

Ayres, Tech's right end, sustained a broken collar bone in the first half, and was relieved by Pearson.

Auburn kicks to Tech's 5 yard line. Ridley returns 10 yards. Tech was thrown for a 2 yard loss, and then an outside kick netted them 25 yards. They then punted to Auburn's 40 yard line. McLure returned 20 yards. Hardage goes around right for 20 yards. On an outside kick Hill gets 25 yards. On three backs Penton goes for a touchdown. Reynolds missed goal. Score: Auburn 28, Tech 0.

Tech kicked to Hardage on Auburn's 2 yard line, and ran the entire length of the field for a touchdown. Auburn's rooters went wild, and he was cheered to the echo. Reynolds kicked goal. Score: Auburn 34, Tech 0.

Tech kicks to Auburn's 5 yard line. Hardage returning 30 yards. Auburn kicks to Tech's 40 yard line. Ridley downed in tracks by Swart. Auburn broke up an attempted forward pass, getting ball to 16 yard line. Hardage was thrown for a 5 yard loss. Tech intercepted forward pass, and carried it to her own 23 yard line. Auburn broke up an attempted forward pass, and Tech lost 10 yards. Tech kicked to her own 30 yard line, McLure signalling for a fair catch. Reynolds here kicks a field goal. Score: Auburn 38, Tech 0.

Tech kicked off to Auburn's 5 yard line. Reynolds returns 20 yards. Auburn kicks out of bounds at center of field. Tech tries on side kick, but Auburn gets the ball on her own 25 yard line. Auburn by line plunges carries the ball to her own 45 yard line, then on a good run Sparkman goes 65 yards to a touchdown. Reynolds kicks goal. Score: Auburn 44, Tech 0.

Tech kicks to Auburn's 10 yard line, and Reynolds punts back. Tech signals for a fair catch. Tech then punts back to Auburn's 30 yard line. Auburn punts out of bounds. Auburn then gets ball on an attempted forward pass. Whistle blows.

LINE UP.

Auburn.		Tech.
Hill, Swart	LE	Emerson
S. G. Davis	LT	Green
Motley, Cogdell	LG	McPhaul
Beaver	C	Spaulding
Allen	RG	Patterson
Locke	RT	Means
Reynolds, Spigener	RE	Ayres, Pearson
McLure	Q	Roberts
Hardage, Sparkman	LH	Barnwell
Wynne	RH	Davis
Penton, J. E. Davis	FB	Ridley

Umpire—Riggs (Clemson).

Referee—Butler (North Carolina).

Field Judge—Stone (Vandy).

Time of Halves—25-25.

TENNIS.

A great deal more interest is being taken in tennis by the Southern colleges than ever before. Most of the Southern colleges have their regular tennis team and arrange meets with the different colleges. Our great disadvantage here is the lack of courts. Most colleges the size of Auburn have as many as six courts. With more courts we could soon make tennis an important factor in Athletics.

On November 13 and 14, Auburn and Marion fought for tennis honors on our court, on the 13th doubles were played, "Red" Smith and T. Beasley for Auburn and Shackleford, Hocker, and Lust for Marion. After a few games it was seen that Marion had no chance to win, yet they fought to the last, losing by the score 2-6, 1-6, 1-6, 2-6, and 4-6.

November 14, Major played singles against Shackleford, Shackleford played good tennis but could not do anything with Major's twisting serve, Major winning 6-2, 6-1, 7-5, 7-5.

We hope more interest will be taken in tennis from now on and the tennis club desires the support of the student body.

LINE UP.

Auburn,		Tech,
Hill, Swart	LE	Emerson
S. G. Davis	LT	Green
Motley, Cogdell	LG	McPhaul
Beaver	C	Spaulding
Allen	RG	Patterson
Locke	RT	Means
Reynolds, Spigener	RE	Ayres, Pearson
McLure	Q	Roberts
Hardage, Sparkman	LH	Barnwell
Wynne	RH	Davis
Penton, J. E. Davis	FB	Ridley
Umpire—Riggs (Clemson).		
Referee—Butler (North Carolina).		
Field Judge—Stone (Vandy).		
Time of Halves—25-25.		

TENNIS.

A great deal more interest is being taken in tennis by the Southern colleges than ever before. Most of the Southern colleges have their regular tennis team and arrange meets with the different colleges. Our great disadvantage here is the lack of courts. Most colleges the size of Auburn have as many as six courts. With more courts we could soon make tennis an important factor in Athletics.

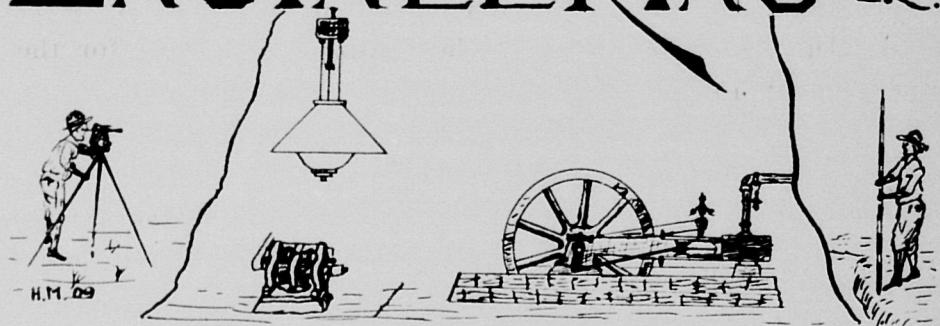
On November 13 and 14, Auburn and Marion fought for tennis honors on our court, on the 13th doubles were played, "Red" Smith and T. Beasley for Auburn and Shackleford, Hocker, and Lust for Marion. After a few games it was seen that Marion had no chance to win, yet they fought to the last, losing by the score 2-6, 4-6, 1-6, 2-6, and 4-6.

November 14, Major played singles, against Shackleford, Shackleford played good tennis but could not do anything with Major's twisting serve, Major winning 6-2, 6-1, 7-5, 7-5.

We hope more interest will be taken in tennis from now on and the tennis club desires the support of the student body.

ENGINEERING

Dept.



J. G. STELZENMULLER, *Editor.*

MEETING OF THE ENGINEERING SOCIETY.

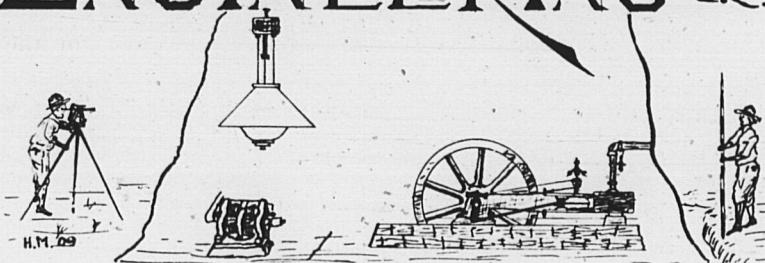
A very successful meeting of the Engineering Society was held in Langdon Hall on the evening of November 11th. It is the purpose of the Society to have their programme rendered alternately by the student members and by practical engineers who will be invited to address them, and in accordance with this plan this meeting was carried through altogether by local talent.

In the absence of the president the Society was called to order in due time by the vice-president, Mr. Hanlin. After a reading of the minutes of the preceding meeting and their adoption, the regular program was begun by the reading of a paper by Mr. J. L. Skinner. In his article, Mr. Skinner discussed the smoke nuisance, the losses due to improper combustion of fuel, the results of variation in the air supply on combustion, and the best remedies for the smoke evil.

The next paper was read by Mr. C. R. Hixon, who presented an interesting discussion on "The Possibilities of Aerial Navigation." Mr. Hixon reviewed the various attempts and theories of modern aeronauts and gave descriptions of several types of up-to-date air-ships. He concluded by paying a tribute to American engineering ingenuity, which is already indicated by the great success of the Wright brothers, and which he predicted would some day surmount what difficulties still remain to be solved in the problem of air flight. Mr. Hixon was followed by Mr. C. M. Howard, who read an article entitled, "The Engineer

ENGINEERING

Dept.



H.M. 29

J. G. STELZENMULLER, *Editor.*

MEETING OF THE ENGINEERING SOCIETY.

A very successful meeting of the Engineering Society was held in Langdon Hall on the evening of November 11th. It is the purpose of the Society to have their programme rendered alternately by the student members and by practical engineers who will be invited to address them, and in accordance with this plan this meeting was carried through altogether by local talent.

In the absence of the president the Society was called to order in due time by the vice-president, Mr. Hanlin. After a reading of the minutes of the preceding meeting and their adoption, the regular program was begun by the reading of a paper by Mr. J. L. Skinner. In his article, Mr. Skinner discussed the smoke nuisance, the losses due to improper combustion of fuel, the results of variation in the air supply on combustion, and the best remedies for the smoke evil.

The next paper was read by Mr. C. R. Hixon, who presented an interesting discussion on "The Possibilities of Aerial Navigation." Mr. Hixon reviewed the various attempts and theories of modern aeronauts and gave descriptions of several types of up-to-date air-ships. He concluded by paying a tribute to American engineering ingenuity, which is already indicated by the great success of the Wright brothers, and which he predicted would some day surmount what difficulties still remain to be solved in the problem of air flight. Mr. Hixon was followed by Mr. C. M. Howard, who read an article entitled, "The Engineer

of the Age." In this paper the engineer's life was considered from both the ethical and the practical point of view and many good suggestions were given for the student engineer. The last paper of the evening was next presented by Mr. R. W. Williamson. In an article entitled "The Utilization of Peat for the Production of Power," he called attention to the fact of the rapid consumption of our present known coal fields and the consequent need of a new fuel in the near future. To meet this demand he suggested the use of peat, which is already used extensively in Europe and which is found in large quantities in several parts of our own country.

On the conclusion of the program, Prof. J. J. Wilmore, chairman of the council, reported that all applications for membership received since the last meeting had been acted upon favorably by the council. The list of new members was then read and accepted by the unanimous vote of the Society. The election of such officers as had not been elected at the first meeting was then taken up and the following officers were elected: Junior Vice-President, J. J. Keys; Junior Councilman, J. P. Hutcheson.

The Society then adjourned.

BENEFITS DERIVED FROM RECENT STRIKE.

The grievances between the coal miners and the coal operators of the Birmingham district were no doubt settled much earlier than they would have been if it had not been for the wise steps taken by Governor Comer in ordering the miners to return to work under penalty of being arrested as vagrants, and having the mining region under military control. He threatened to summon an extra session of the legislature to deal with the strike situation, and repeal laws which had been previously enacted favorable to the miner. The steps taken by the governor naturally aroused considerable ill feeling on the part of the miners. Nevertheless, the settlement of the strike will result in much good for them, since it has been instrumental in causing the Alabama Coal Operators Association to form into a permanent organization, with its various officials being either coal operators or officials of same. This organization represents at least ninety per cent of the coal produced in Alabama, and has

of the Age." In this paper the engineer's life was considered from both the ethical and the practical point of view and many good suggestions were given for the student engineer. The last paper of the evening was next presented by Mr. R. W. Williamson. In an article entitled "The Utilization of Peat for the Production of Power," he called attention to the fact of the rapid consumption of our present known coal fields and the consequent need of a new fuel in the near future. To meet this demand he suggested the use of peat, which is already used extensively in Europe and which is found in large quantities in several parts of our own country.

On the conclusion of the program, Prof. J. J. Wilmore, chairman of the council, reported that all applications for membership received since the last meeting had been acted upon favorably by the council. The list of new members was then read and accepted by the unanimous vote of the Society. The election of such officers as had not been elected at the first meeting was then taken up and the following officers were elected: Junior Vice-President, J. J. Keys; Junior Councilman, J. P. Hutcheson.

The Society then adjourned.

BENEFITS DERIVED FROM RECENT STRIKE.

The grievances between the coal miners and the coal operators of the Birmingham district were no doubt settled much earlier than they would have been if it had not been for the wise steps taken by Governor Comer in ordering the miners to return to work under penalty of being arrested as vagrants, and having the mining region under military control. He threatened to summon an extra session of the legislature to deal with the strike situation, and repeal laws which had been previously enacted favorable to the miner. The steps taken by the governor naturally aroused considerable ill feeling on the part of the miners. Nevertheless, the settlement of the strike will result in much good for them, since it has been instrumental in causing the Alabama Coal Operators Association to form into a permanent organization, with its various officials being either coal operators or officials of same. This organization represents at least ninety per cent of the coal produced in Alabama, and has

already made manifest its intention of bringing the operator and miner closer together by instituting several reforms, which will be of interest to both parties.

The first is a "reform" in the check-weighman system, which had previous to the strike been unsatisfactory to both parties. The mine law of Alabama gives the miner the privilege of having access to the weighing and accounting of the coal. Formerly the check-weighman would take coal from each number in rotation, the number of numbers being governed by the output of the mine and the number of men employed. The objection to this system was, that if a miner should happen to be sick, or kept from work on days other than those when coal was due to be taken from his number, he was made to pay more for the services of the check-weighman than the other man, or less in the reverse case. Under the present system the coal company collects the check-weighman's salary through the office, the proportion each man pays being based upon his earnings for the month. Hence if a man works only five days in a month he pays only one-fourth as much as the man who works twenty days.

The second reform settles a dispute which has long existed between the miner and operator, that is, the claim that the coal is not properly weighed where scales are used, or that unjust measure is given the men where the coal is loaded and paid for by the train, the train being of assumed weight. To overcome this the mine-foreman at a mine controlled by an operator of the Operators' Association is required at stated intervals to pick from the rank and file of miners ten men who shall be present when the scales are tested either by the operator, or state mine inspector. In case of the smaller companies where it would be a burden in some cases to inspect the scales, provisions have been made to adopt a definite height of loading as a standard.

No doubt the most important step taken by the association, thus far, is the appointment of a commissioner whose duty is to investigate all cases of dispute in order to determine the right in each case. The association is thus pledged to uphold the decision of the commissioner. The commissioner will be the natural avenue of communication between operators and between operators and men, and it is his sole business to be on the lookout for trouble and be able to discover it quickly, and, by

already made manifest its intention of bringing the operator and miner closer together by instituting several reforms, which will be of interest to both parties:

The first is a "reform" in the check-weighman system, which had previous to the strike been unsatisfactory to both parties. The mine law of Alabama gives the miner the privilege of having access to the weighing and accounting of the coal. Formerly the check-weighman would take coal from each number in rotation, the number of numbers being governed by the output of the mine and the number of men employed. The objection to this system was, that if a miner should happen to be sick, or kept from work on days other than those when coal was due to be taken from his number, he was made to pay more for the services of the check-weighman than the other man, or less in the reverse case. Under the present system the coal company collects the check-weighman's salary through the office, the proportion each man pays being based upon his earnings for the month. Hence if a man works only five days in a month he pays only one-fourth as much as the man who works twenty days.

The second reform settles a dispute which has long existed between the miner and operator, that is, the claim that the coal is not properly weighed where scales are used, or that unjust measure is given the men where the coal is loaded and paid for by the train, the train being of assumed weight. To overcome this the mine-foreman at a mine controlled by an operator of the Operators' Association is required at stated intervals to pick from the rank and file of miners ten men who shall be present when the scales are tested either by the operator, or state mine inspector. In case of the smaller companies where it would be a burden in some cases to inspect the scales, provisions have been made to adopt a definite height of loading as a standard.

No doubt the most important step taken by the association, thus far, is the appointment of a commissioner whose duty is to investigate all cases of dispute in order to determine the right in each case. The association is thus pledged to uphold the decision of the commissioner. The commissioner will be the natural avenue of communication between operators and between operators and men; and it is his sole business to be on the lookout for trouble and be able to discover it quickly, and, by

at once sifting it, avoid many of the misunderstandings which often lead to serious trouble as strikes, shutdowns, etc.

The operators have, by the adoption of these measures, removed a great source of trouble, and proven to the men that they intend to deal with them fairly and are not their enemy as many miners supposed.

In the near future, the association will probably carry on work of education by means of institutes, etc., and thus have a better and more careful class of miners, causing less explosions, loss of life, and more friendly relations between the two classes which rule the welfare of the Birmingham district.

D. MACDONALD, '09.

OUR MISCELLANY

Work is to be begun at once on the construction of a new system of storm and sanitary sewers at Birmingham. The cost of this work is estimated at \$850,000. It is also reported that a street car line is to be built from that place to the top of Shades Mountain, north of the city, for which purpose the Birmingham and Shades Mountain Electric Ry. Co. has been organized.

Among the recently incorporated industrial plants in our state we note the following: The Home Supply and Trading Co., has been incorporated at Jennifer, with a capital stock of \$50,000, to manufacture and sell a patented ironing table. Norris & Marshall of Pell City, will establish a shovel factory at Gadsden. In Birmingham several new plants are reported, among them, the Williamson Furnace Company, incorporated by E. F. Wilson, Jr., the Phoenix Iron and Steel Co., incorporated by Eli Joseph and others, and the Nash-Christian Foundry and Supply Co., which succeeds the Nash Foundry Supply Co.

at once sifting it, avoid many of the misunderstandings which often lead to serious trouble as strikes, shutdowns, etc.

The operators have, by the adoption of these measures, removed a great source of trouble, and proven to the men that they intend to deal with them fairly and are not their enemy—a many miners supposed.

In the near future, the association will probably carry on work of education by means of institutes, etc., and thus have a better and more careful class of miners, causing less explosions, loss of life, and more friendly relations between the two classes which rule the welfare of the Birmingham district.

D. MACDONALD, '09.

OUR MISCELLANY

Work is to be begun at once on the construction of a new system of storm and sanitary sewers at Birmingham. The cost of this work is estimated at \$850,000. It is also reported that a street car line is to be built from that place to the top of Shades Mountain, north of the city, for which purpose the Birmingham and Shades Mountain Electric Ry. Co. has been organized.

Among the recently incorporated industrial plants in our state we note the following: The Home Supply and Trading Co., has been incorporated at Jennifer, with a capital stock of \$50,000, to manufacture and sell a patented ironing table. Norris & Marshall of Pell City, will establish a shovel factory at Gadsden. In Birmingham several new plants are reported, among them, the Williamson Furnace Company, incorporated by E. F. Wilson, Jr., the Phoenix Iron and Steel Co., incorporated by Eli Joseph and others, and the Nash-Christian Foundry and Supply Co., which succeeds the Nash Foundry Supply Co.

AGRICULTURAL



H. J. CHATTERTON, *Editor.*

THE CATTLE INDUSTRY IN CUBA.

Anyone touring through Cuba will be impressed by the difference between the cattle industry there and in the United States. The market there demands a carcass with a large percentage of lean meat. For this reason bulls are in great demand, and bring better prices than do steers of the same quality. The public wants a fat beef, but refuses to pay for any of the fat. The meat is not cut across the grain as is the custom here, but the muscles are torn out or "jerked," the fat stripped off, and the meat cut longitudinally in strips of steak.

The cattle of Cuba are chiefly those imported from Columbia and Mexico, though a large number come from Southern States. The Columbian cattle are large boned, thick skinned, coarse cattle that do well in Cuba and make good work oxen, but a poor quality of beef. Many of them contain blood of the Indian or sacred cattle. The Columbian and Indian cattle are rather popular in Cuba on account of their resistance to ticks and screw worms. This is due to their thick, oily skins and scant covering of short hair.

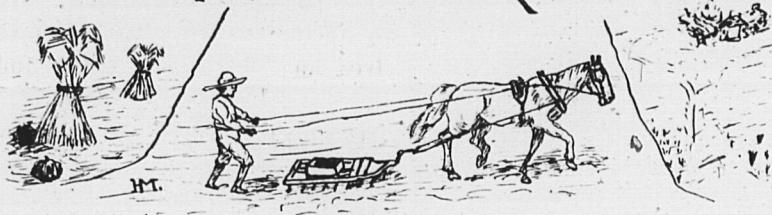
The Indian cattle are excellent rustlers, and make good work cattle, as they are very quick, active and intelligent. Their one fault is their nervousness and sometimes viciousness.

Florida cows are used extensively in grading up herds, because they are cheap, but they are small and very poor in quality.

The parasites affecting the cattle are the cattle tick and the screw worm. The tick is the same as ours, and of course is to be combatted in the same way. The screw worm is produced by a fly, (*Compsomyia macellaria*) which deposits eggs in any cut

AGRICULTURAL

Dept.



H. J. CHATTERTON, *Editor.*

THE CATTLE INDUSTRY IN CUBA.

Anyone touring through Cuba will be impressed by the difference between the cattle industry there and in the United States. The market there demands a carcass with a large percentage of lean meat. For this reason bulls are in great demand, and bring better prices than do steers of the same quality. The public wants a fat beef, but refuses to pay for any of the fat. The meat is not cut across the grain as is the custom here, but the muscles are torn out or "jerked," the fat stripped off, and the meat cut longitudinally in strips of steak.

The cattle of Cuba are chiefly those imported from Columbia and Mexico, though a large number come from Southern States. The Columbian cattle are large boned, thick skinned, coarse cattle that do well in Cuba and make good work oxen, but a poor quality of beef. Many of them contain blood of the Indian or sacred cattle. The Columbian and Indian cattle are rather popular in Cuba on account of their resistance to ticks and screw worms. This is due to their thick, oily skins and scant covering of short hair.

The Indian cattle are excellent rustlers, and make good work cattle, as they are very quick, active and intelligent. Their one fault is their nervousness and sometimes viciousness.

Florida cows are used extensively in grading up herds, because they are cheap, but they are small and very poor in quality.

The parasites affecting the cattle are the cattle tick and the screw worm. The tick is the same as ours, and of course is to be combatted in the same way. The screw worm is produced by a fly, (*Compsomyia macellaria*) which deposits eggs in any cut

or abrasion of the skin. The eggs hatch in a few hours and the worms, very similar in appearance to maggots, work in the live tissue. They are readily killed by an injection of *strong creolin* into the wound. All young calves have to be examined and doctored soon after birth to avoid losses.

About the only infectious diseases affecting cattle are blackleg and anthrax. Epidemics of these being kept down by vaccination, the vaccine being furnished free to all who desire it, by the Secretary of Agriculture, at Havana.

The first consideration in selecting a ranch is to get plenty of running water, as all the branches go dry in the dry season. Secondly comes the grass, and then the convenience of marketing the cattle.

The three principle pasture plants are guinea, parana and savannah grasses. Guinea grass (the best of the three for cattle) grows on the richer soils, where there is plenty of moisture. It reaches a height of seven feet or more when not grazed. The parana grass does best in wet places, and is found chiefly in the bottom lands. Savannah grass grows on the plains or savannahs, which are generally poorer and drier than the other lands. It reaches a height of two feet or more and fattens cattle fast; though it is generally used for carrying the breeding cattle, where guinea grass is found on the same ranch.

The import duty recently put on all classes of cattle except "pure breeds," protects the cattleman from the cheaper classes of cattle sent in from States and South America.

The one question that is puzzling the cattlemen is—what shall they do with their surplus cattle if they produce more than the Cuban markets demand? No other country demands "grass stuff" as it is not fit for export. Shall they in future times ship their surplus cattle to New Orleans and Mobile, which are cheaper markets, or shall they feed them off for export? If the former, what effect will it have on the price of cattle in Cuba? If the latter, what shall be the feeds? The Experiment Station at Santiago de las Vegas is doing excellent work in testing varieties of various leguminous and other forage crops, though practically no experimental work is being done in animal industry. Here is indeed a wide field for some good live experimental work.

W. F. WARD, '04.

or abrasion of the skin. The eggs hatch in a few hours and the worms, very similar in appearance to maggots, work in the live tissue. They are readily killed by an injection of *strong creolin* into the wound. All young calves have to be examined and doctored soon after birth to avoid losses.

About the only infectious diseases affecting cattle are blackleg and anthrax. Epidemics of these being kept down by vaccination, the vaccine being furnished free to all who desire it, by the Secretary of Agriculture, at Havana.

The first consideration in selecting a ranch is to get plenty of running water, as all the branches go dry in the dry season. Secondly comes the grass, and then the convenience of marketing the cattle.

The three principle pasture plants are guinea, parana and savannah grasses. Guinea grass (the best of the three for cattle) grows on the richer soils, where there is plenty of moisture. It reaches a height of seven feet or more when not grazed. The parana grass does best in wet places, and is found chiefly in the bottom lands. Savannah grass grows on the plains or savannahs, which are generally poorer and drier than the other lands. It reaches a height of two feet or more and fattens cattle fast; though it is generally used for carrying the breeding cattle, where guinea grass is found on the same ranch.

The import duty recently put on all classes of cattle except "pure breeds," protects the cattleman from the cheaper classes of cattle sent in from States and South America.

The one question that is puzzling the cattlemen is—what shall they do with their surplus cattle if they produce more than the Cuban markets demand? No other country demands "grass stuff" as it is not fit for export. Shall they in future times ship their surplus cattle to New Orleans and Mobile, which are cheaper markets, or shall they feed them off for export? If the former, what effect will it have on the price of cattle in Cuba? If the latter, what shall be the feeds? The Experiment Station at Santiago de las Vegas is doing excellent work in testing varieties of various leguminous and other forage crops, though practically no experimental work is being done in animal industry. Here is indeed a wide field for some good live experimental work.

W. F. WARD, '04.

The above article, very interesting and instructive, was written for us by a graduate of the '04 Agricultural class. He is now working for the government at a salary of \$1,300. EDITOR.

*CONTRAST OF TWO SYSTEMS OF FARMING.
NEW METHOD.*

The system of farming that has been pursued in Alabama in the past has been one that has to a great extent robbed the soil of its virgin fertility, which nature had so bounteously provided. This has resulted from growing the same crop year after year on the same ground. The crop that has so greatly contributed to robbing the soil of its fertility is cotton. Today more acreage of land in Alabama is devoted to the growing of cotton than to all others combined. By growing this crop annually on the same ground, the soil has become woefully deficient in humus, has lost most of its former nitrogen content, and has been allowed to wash off into streams for the want of cover crop to protect it against the ravages of the winter rains.

Nature has provided a means by which man may restore his lost fertility in much less time than was required in its destruction. The means provided by nature for accomplishing this is to practice a well planned system of crop rotation, and to return the crops grown to the soil again. Also the hills may be prevented from further washing by stopping the ditches and then sowing the hillsides in grasses which will serve as a protection against heavy rains.

In practicing a well planned system of crop rotation leguminous crops will be grown quite frequently. The root systems of all plants which are classed as legumes, are of such a nature that when inoculated with certain micro-organisms small tubercles will be formed which have the power to use the nitrogen of the air for its own use and also to store quantities of it in the soil. By this plan the former nitrogen content of the soil may be restored.

By practicing the above methods farmers may greatly increase the productiveness of the soil, which will enable them to live in comfort, wherein by the continued practice of the old method of farming hundreds of farms will have to be abandoned in the near future.

The above article, very interesting and instructive, was written for us by a graduate of the '04 Agricultural class. He is now working for the government at a salary of \$1,300. EDITOR.

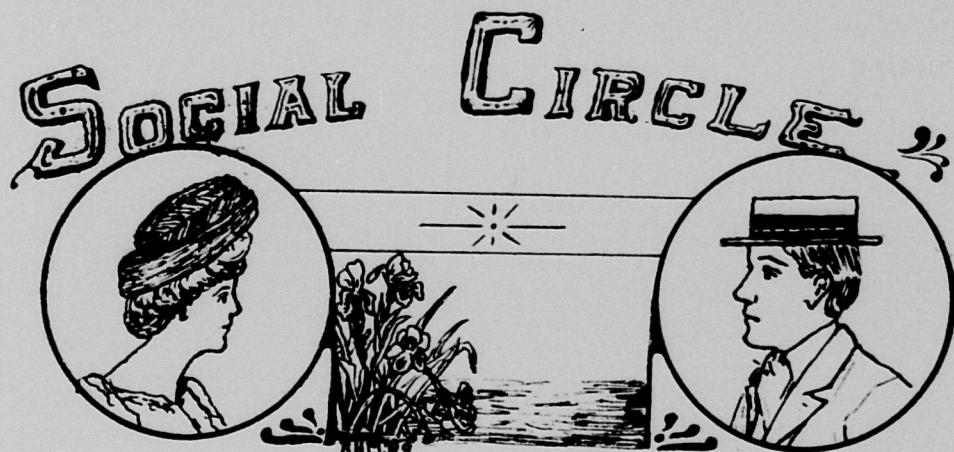
CONTRAST OF TWO SYSTEMS OF FARMING. NEW METHOD.

The system of farming that has been pursued in Alabama in the past has been one that has to a great extent robbed the soil of its virgin fertility, which nature had so bounteously provided. This has resulted from growing the same crop year after year on the same ground. The crop that has so greatly contributed to robbing the soil of its fertility is cotton. Today more acreage of land in Alabama is devoted to the growing of cotton than to all others combined. By growing this crop annually on the same ground, the soil has become woefully deficient in humus, has lost most of its former nitrogen content, and has been allowed to wash off into streams for the want of cover crop to protect it against the ravages of the winter rains.

Nature has provided a means by which man may restore his lost fertility in much less time than was required in its destruction. The means provided by nature for accomplishing this is to practice a well planned system of crop rotation, and to return the crops grown to the soil again. Also the hills may be prevented from further washing by stopping the ditches and then sowing the hillsides in grasses which will serve as a protection against heavy rains.

In practicing a well planned system of crop rotation leguminous crops will be grown quite frequently. The root systems of all plants which are classed as legumes, are of such a nature that when inoculated with certain micro-organisms small tubercles will be formed which have the power to use the nitrogen of the air for its own use and also to store quantities of it in the soil. By this plan the former nitrogen content of the soil may be restored.

By practicing the above methods farmers may greatly increase the productiveness of the soil, which will enable them to live in comfort, wherein by the continued practice of the old method of farming hundreds of farms will have to be abandoned in the near future.



E. E. BINFORD, *Editor.*

On Friday evening, November 6, Mrs. Falkner entertained her Sunday School class at the home of Mrs. Baker. The weather was ideal and together with the hostess helped to make it a delightful evening.

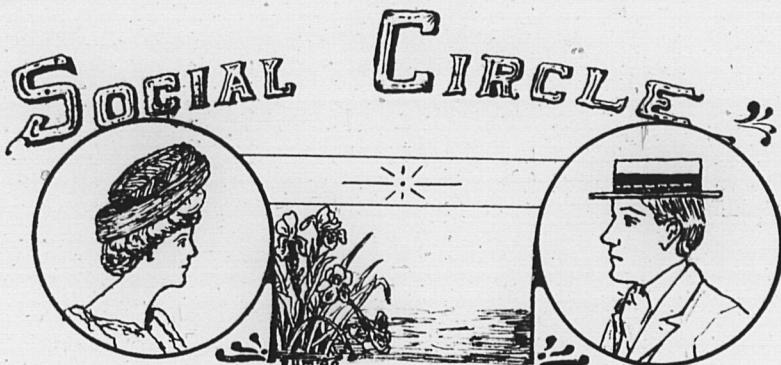
On the night of November 7, the Weeks Company gave an entertainment in Langdon Hall, under the direction and for the benefit of the Y. M. C. A. In spite of the fact that it was a "Celebration" night, there was a large crowd, and the "show" pronounced one of the best of the season.

The first presentation of "Because She Loved Him So," proved such a success that it was decided to put it on again, so on Friday night there was a second presentation of the play. It proved to be as good as the first and was pronounced the best ever given by local talent in this neck of the woods. After the play was over, a reception for the "actors" was given at Whatley's place and a merry time they had. The play was under the directorship of Mr. Whitely, of New York, who proved to be an able manager.

See Toomer for drugs.

Colonel Patrick entertained his Senior officers at an oyster supper last Friday night. The knights of the sabre report a swell time and we do not doubt they had it.

Quite a number of Auburnites went to Atlanta to be present at the Auburn-Tech game.



E. E. BINFORD, *Editor.*

On Friday evening, November 6, Mrs. Falkner entertained her Sunday School class at the home of Mrs. Baker. The weather was ideal and together with the hostess helped to make it a delightful evening.

On the night of November 7, the Weeks Company gave an entertainment in Langdon Hall, under the direction and for the benefit of the Y. M. C. A. In spite of the fact that it was a "Celebration" night, there was a large crowd, and the "show" pronounced one of the best of the season.

The first presentation of "Because She Loved Him So," proved such a success that it was decided to put it on again, so on Friday night there was a second presentation of the play. It proved to be as good as the first and was pronounced the best ever given by local talent in this neck of the woods. After the play was over, a reception for the "actors" was given at Whatley's place and a merry time they had. The play was under the directorship of Mr. Whitely, of New York, who proved to be an able manager.

See Toomer for drugs.

Colonel Patrick entertained his Senior officers at an oyster supper last Friday night. The knights of the sabre report a swell time and we do not doubt they had it.

Quite a number of Auburnites went to Atlanta to be present at the Auburn-Tech game.

Toomer is still selling pipes and tobacco. New stock.

The A. P. I. Band is looking forward with pleasure to their trip to Mobile during the Reunion. They will also visit the Jardson and give an entertainment there.

Miss Emmie Rutledge, who is at the A. C. F. C. in Tuskegee, spent several days with her parents here last week. Her many friends were glad to see her and wish her much success.

Mrs. T. O. Wright entertained the boys of her Sunday School class a few nights ago at her home. Interesting games were played and every one enjoyed themselves.

Mr. J. J. Alexander, ex '09, was in town a few days ago.

By the way, fellows, Toomer has the goods in the candy line, Nunnally's and Lowney's.

"Cootsie" Teague and Mr. Ashley came up Friday night on a visit to friends here.

Mr. J. G. Summerville has come back to take a post course. He is welcomed by his old '08 friends.

Mr. Charles Culver, of Atlanta, was the guest of his parents a few days ago.



Snaps Finished at Tresslar's, Montgomery, Ala.

We pay postage.

I love to roam o'er mountain side
Alone and think of you,
Of nature, and all things on earth
That mind of good and true.

I love the vale, the fen, and wood,
The riverlet and stream,
I love the sunset's yellow glow,
And mornings' golden gleam.

But you are queen o'er all the rest
Sweet maid of purity,
With you I'd evermore be blest,
E'en through eternity.

J. S.

Toomer is still selling pipes and tobacco. New stock.

The A. P. I. Band is looking forward with pleasure to their trip to Mobile during the Reunion. They will also visit the Judson and give an entertainment there.

Miss Emmie Rutledge, who is at the A. C. F. C. in Tuskegee, spent several days with her parents here last week. Her many friends were glad to see her and wish her much success.

Mrs. T. O. Wright entertained the boys of her Sunday School class a few nights ago at her home. Interesting games were played and every one enjoyed themselves.

Mr. J. J. Alexander, ex '09, was in town a few days ago.

By the way, fellows, Toomer has the goods in the candy line, Nunnally's and Lowney's.

"Cootsie" Teague and Mr. Ashley came up Friday night on a visit to friends here.

Mr. J. G. Summerville has come back to take a post course. He is welcomed by his old '08 friends.

Mr. Charles Culver, of Atlanta, was the guest of his parents a few days ago.



Snaps Finished at Tresslar's, Montgomery, Ala.

We pay postage.

I love to roam o'er mountain side,

Alone and think of you,

Of nature, and all things on earth

That mind of good and true,

I love the vale, the fen, and wood,

The riverlet and stream,

I love the sunset's yellow glow,

And mornings' golden gleam.

But you are queen o'er all the rest

Sweet maid of purity,

With you I'd evermore be blest,

E'en through eternity.

J. S.



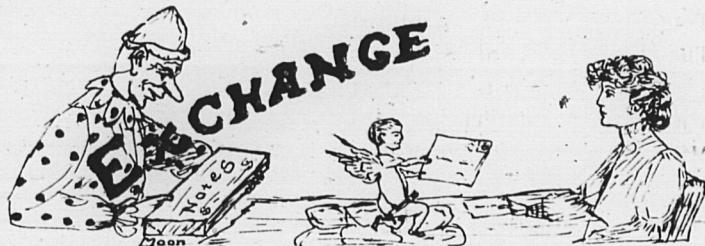
B. E. HARRIS, *Editor.*

THE TATTLER.

The best woman's college magazine in the South, and evidently the best of all Southern college magazines with respect to artistic qualities, is "The Tattler." Good departmental and general mechanical arrangements make the very appearance of this periodical a pleasure to the eye. Indeed it is "a thing of beauty." There is no disappointment on closer observation. The subject matter is well chosen, and prevailingly "feminine." Fiction, poetry, light essays, jokes—all are handled with ripe literary taste. From present indications it will be "a joy forever."

It seems to us the Crimson and White could have done much better than fill the whole front page of the last edition with the names and addresses of all those who have entered college at the University this fall.

We wish to acknowledge The Spectator, Clemson Chronicle, Birmingham Reporter, The Hustler, The Reveille, The Gamilcaad, College Topics, The Wesleyan, The Tattler, The Georgian, The Phoenix, O. A. C. Barometer, The Mirror, The Yellow Jacket, The Concept, Harvard Lampoon, The College Reflector, The Howard Collegian, The Crimson and White, The Mercerian, Boys' Banner, The Athenian, The Journal, Maryville College Monthly, The Palmetto, Chimes, Ouachita Ripples, Mississippi College Magazine, Baylor Literary, The Florida Pennant, The Sewanee Purple, Andrew College Journal.



B. E. HARRIS, *Editor.*

THE TATTLER.

The best woman's college magazine in the South, and evidently the best of all Southern college magazines with respect to artistic qualities, is "The Tattler." Good departmental and general mechanical arrangements make the very appearance of this periodical a pleasure to the eye. Indeed it is "a thing of beauty." There is no disappointment on closer observation. The subject matter is well chosen, and prevailingly "feminine." Fiction, poetry, light essays, jokes—all are handled with ripe literary taste. From present indications it will be "a joy forever."

It seems to us the Crimson and White could have done much better than fill the whole front page of ~~the last edition~~ with the names and addresses of all those who have entered college at the University this fall.

We wish to acknowledge The Spectator, Clemson Chronicle, Birmingham Reporter, The Hustler, The Reveille, The Gamilcaad, College Topics, The Wesleyan, The Tattler, The Georgian, The Phoenix, O. A. C. Barometer, The Mirror, The Yellow Jacket, The Concept, Harvard Lampoon, The College Reflector, The Howard Collegian, The Crimson and White, The Mercerian, Boys' Banner, The Athenian, The Journal, Maryville College Monthly, The Palmetto, Chimes, Ouachita Ripples, Mississippi College Magazine, Baylor Literary, The Florida Pennant, The Sewanee Purple, Andrew College Journal.

Col. Patrick (at the last senior tactics recitation)—Mr. Swarts, if you wanted to attack the enemy in the open, what formation would you use?

"Wiley" Swarts (just waking up)—Right end back. Second formation 98-32-5. Come on with the ball!

AT THE "GYM."

Bonner (to Lamb)—Looking at Cogdell, you wouldn't think he was much account would you?

Lamb—No, you wouldn't.

Bonner—Well, it's just that way.



Kodaks and Supplies at Tresslar's, Montgomery,
Ala. We finish your snaps.

Prof. Hodnette—Mr. Arthur, please explain what the first paragraph of the lesson means.

Mr. Arthur (to student next to him)—He must not study at all. This is the third day he has asked me to explain something to him.

For Sale—Corporal stripes very cheap. See Jack Orr. Jack was telling us that he got his stripes cheaper than any one else, but we don't know what he is going to do with them. He was mentioned in the also rans when the list was read out.

Call on Toomer for that pipe you were talking about. He also has the tobacco to fill it.

Wonder what big Bonner meant when he put his fork in a piece of beefsteak at the training table the other day and said, "Bellow and I'll let you up."

KEEP SMILING;
IT'S GOOD FOR
WHAT AILS
YOU.

Col. Patrick (at the last senior tactics recitation)—Mr. Swarts, if you wanted to attack the enemy in the open, what formation would you use?

"Wiley" Swarts (just waking up)—Right end back. Second formation 98-32-5. Come on with the ball!

AT THE "GYM."

Bonner (to Lamb)—Looking at Cogdell, you wouldn't think he was much account would you?

Lamb—No, you wouldn't.

Bonner—Well, it's just that way.



Kodaks and Supplies at Tresslar's, Montgomery,
Ala. We finish your snaps.

Prof. Hodnette—Mr. Arthur, please explain what the first paragraph of the lesson means.

Mr. Arthur (to student next to him)—He must not study at all. This is the third day he has asked me to explain something to him.

For Sale—Corporal stripes very cheap. See Jack Orr. Jack was telling us that he got his stripes cheaper than any one else, but we don't know what he is going to do with them. He was mentioned in the also-rans when the list was read out.

Call on Toomer for that pipe you were talking about. He also has the tobacco to fill it.

Wonder what big Bonner meant when he put his fork in a piece of beefsteak at the training table the other day and said, "Bellow and I'll let you up."

KEEP SMILING;

IT'S GOOD FOR

WHAT AILS

YOU.

Ordway and Venable are the candy kids. See them about it, fellows. They have the goods.

COLONEL ENTERTAINS THE COMMISSIONED OFFICERS.

Everybody knows that there is an air of superstition around the number thirteen, doubly so when it is connected with a Friday. But there are thirty converts from the ranks of the superstitious one. What is the reason? Why, Col. Patrick is responsible for it.

On the night of Friday, November 13th, the commissioned officers of the corps, thirty in all, gathered at Mrs. McNamee's, and of all the good things we had to eat—well, we just can't remember them all. The Colonel received the boys at the door—by the way, the Colonel was one of the boys that night—and we soon saw that we were in for a good time. Finally we were called to attention and ordered—if any needed ordering—to the attack. It might be said in passing that it is hoped the officers will be just as zealous in carrying out Colonel's orders in the future as they were that night. From the time the attack was opened until retreat was sounded, there was no let-up in the good things served us.

We would have made a very creditable appearance at review and inspection after it was all over, as we were there in full dress.

To sum it up—we all had as good a time as was possible for any one to have.

“ONE OF THE THIRTY.”

Ordway and Venable are the candy kids. See them about it, fellows. They have the goods.

COLONEL ENTERTAINS THE COMMISSIONED OFFICERS.

Everybody knows that there is an air of superstition around the number thirteen, doubly so when it is connected with a Friday. But there are thirty converts from the ranks of the superstitious one. What is the reason? Why, Col. Patrick is responsible for it.

On the night of Friday, November 13th, the commissioned officers of the corps, thirty in all, gathered at Mrs. McNamee's, and of all the good things we had to eat—well, we just can't remember them all. The Colonel received the boys at the door—by the way, the Colonel was one of the boys that night—and we soon saw that we were in for a good time. Finally we were called to attention and ordered—if any needed ordering—to the attack. It might be said in passing that it is hoped the officers will be just as zealous in carrying out Colonel's orders in the future as they were that night. From the time the attack was opened until retreat was sounded, there was no let-up in the good things served us.

We would have made a very creditable appearance at review and inspection after it was all over, as we were there in full dress.

To sum it up—we all had as good a time as was possible for any one to have.

"ONE OF THE THIRTY."

Editorials

A FEW FACTS ABOUT THE COLLEGE MAN.

Young man, did you know that only one American boy out of seventy-five ever has the distinction of being called a college boy?

Did you know that only one young man out of every hundred in the U. S. receives a college diploma?

Did you know that it is a historical fact that one third of our congressmen, two thirds of our presidents and vice-presidents, two thirds of our supreme court justices, and seven eighths of our chief justices come from college ranks?

We would do well to pause and give such facts as these a few moments of sober reflection. Face the facts, study the figures, look closely at the results, and see if you don't value more the priceless privilege of a college career.

There is a tradition in England that college honors are a promotion to an eminent career. In support of this tradition we are cited to Pell, Gladstone, Lowe, Northcote, and many other distinguished Oxford and Cambridge men. The idea that college training and development are necessary for the greatest successes is becoming more and more prevalent in our country. In this the twentieth century mind is leading the world—mind strengthened and given symmetry and vigor by proper training.

The conditions and systematic training necessary for the development of this strength of mind and the virile qualities of leadership are found in the modern American college. This is not only true of colleges where academic training is the principal aim, as some of the above examples would seem to indicate, but equally true of technological institutions. Statistics show that eighty per cent of the high salaried engineers in the United States are college men. Over ninety per cent of the men employed by the United States in the forestry work, agriculture, geological surveys, etc., are men whom our American schools of science have fitted for the work. Skillful mechanics and electricians have provided apparatus for the production of a new world, and college trained men are required to direct

Editorials

A FEW FACTS ABOUT THE COLLEGE MAN.

Young man, did you know that only one American boy out of seventy-five ever has the distinction of being called a college boy?

Did you know that only one young man out of every hundred in the U. S. receives a college diploma?

Did you know that it is a historical fact that one third of our congressmen, two thirds of our presidents and vice-presidents, two thirds of our supreme court justices, and seven eighths of our chief justices come from college ranks?

We would do well to pause and give such facts as these a few moments of sober reflection. Face the facts, study the figures, look closely at the results, and see if you don't value more the priceless privilege of a college career.

There is a tradition in England that college honors are a promotion to an eminent career. In support of this tradition we are cited to Peel, Gladstone, Lowe, Northcote, and many other distinguished Oxford and Cambridge men. The idea that college training and development are necessary for the greatest successes is becoming more and more prevalent in our country. In this the twentieth century mind is leading the world—mind strengthened and given symmetry and vigor by proper training.

The conditions and systematic training necessary for the development of this strength of mind and the virile qualities of leadership are found in the modern American college. This is not only true of colleges where academic training is the principal aim, as some of the above examples would seem to indicate, but equally true of technological institutions. Statistics show that eighty per cent of the high salaried engineers in the United States are college men. Over ninety per cent of the men employed by the United States in the forestry work, agriculture, geological surveys, etc., are men whom our American schools of science have fitted for the work. Skillful mechanics and electricians have provided apparatus for the production of a new world, and college trained men are required to direct

the operation of the apparatus they have given us, making a general survey, we find that the real leaders in all fields of activity and service are in proportion 40 to 1 in favor of the college man. They constitute the real aristocracy of the country. There are several elements that enter into the calculation as to why the college man is the leader, but the chief reason is that his college course and the various activities of college life give him that training, grasp, and generalship that a leader must have. This is a material age and the man that can deliver the goods is the man the world wants. Is there a chance for you? Are all the desirable places taken? There is greater opportunity now than ever before; there are plenty of \$50,000 positions seeking for men and failing to find them. These facts are constantly before us, the opportunity is ours, what will we do with it?

The names of J. E. Grady, W. A. Downing, and J. J. Keyes will be noticed on the board of editors in this issue. These are names of prominent representatives of the Junior Class, who have been selected for the purpose of co-operating with the senior members of the board and learning something of the work. Now, if they will improve their opportunities, put their shoulder to the wheel, they can help us considerably, and when the time comes for them to take up the journalistic work next year they will find themselves much better prepared for it.

At the close of each foot ball season it is the custom of the Orange and Blue board to get out a foot ball number. Before our next issue goes to press the last game of the season will have been played, and we feel confident another scalp will be strung to our victorious eleven's belt, already dangling with the prizes of many successful battles. Therefore it is our purpose to make the next issue the foot ball number. It will contain pictures of '09 varsity groups of players, individuals, and accounts authentic and fanciful of Auburn's almost unbroken march of triumph.

We now have a new \$50,000 dining hall, a \$60,000 library nearing completion, an \$80,000 agricultural building under construction; where is the gymnasium?

the operation of the apparatus they have given us, making a general survey, we find that the real leaders in all fields of activity and service are in proportion 40 to 1 in favor of the college man. They constitute the real aristocracy of the country. There are several elements that enter into the calculation as to why the college man is the leader, but the chief reason is that his college course and the various activities of college life give him that training, grasp, and generalship that a leader must have. This is a material age, and the man that can deliver the goods is the man the world wants. Is there a chance for you? Are all the desirable places taken? There is greater opportunity now than ever before; there are plenty of \$50,000 positions seeking for men and failing to find them. These facts are constantly before us, the opportunity is ours, what will we do with it?

The names of J. E. Grady, W. A. Downing, and J. J. Keyes will be noticed on the board of editors in this issue. These are names of prominent representatives of the Junior Class, who have been selected for the purpose of co-operating with the senior members of the board and learning something of the work. Now, if they will improve their opportunities, put their shoulder to the wheel, they can help us considerably, and when the time comes for them to take up the journalistic work next year they will find themselves much better prepared for it.

At the close of each foot ball season it is the custom of the Orange and Blue board to get out a foot ball number. Before our next issue goes to press the last game of the season will have been played, and we feel confident another scalp will be strung to our victorious eleven's belt, already dangling with the prizes of many successful battles. Therefore it is our purpose to make the next issue the foot ball number. It will contain pictures of '09 varsity groups of players, individuals, and accounts authentic and fanciful of Auburn's almost unbroken march of triumph.

We now have a new \$50,000 dining hall, a \$60,000 library nearing completion, an \$80,000 agricultural building under construction; where is the gymnasium?

PHOTOGRAPHS

CALL ON

ABBOTT FOR PHOTOGRAPHS

OFFICE OVER AUBURN POST OFFICE

A First Class, Up-to-Date Studio Equipped For High Class Work

Abbott has been doing the college work for the past 12 years which is sufficient guarantee of the work he turns out.

Open Every Friday From 9:30 to 3:30

When you get your new uniform, call and see him.

CLOTHES

Cleaned, Steamed and Pressed by the College Pressing Club. Work as good as the Best.

Prices as cheap as the cheapest.

J. B. Greene, Pres. Jos. H. Smith, Cashier

The Bank of Opelika, Opelika, Ala.

Capital Stock \$100,000.00

Surplus and Profits \$30,000.00

Deposits over \$400,000.00

Resources over \$500,000.00

First and Oldest Bank in Lee County

W. B. Gullatte will continue to represent The Bank of Opelika in Auburn

Your Patronage will be Appreciated

J. A. HARRIS Druggist

OPELIKA, - ALABAMA

Eastman's Kodaks, and Supplies. Eyestested free. Glasses fitted correctly by a graduated Optician. Prescriptions filled day and night.

PHONE NO. 174

PHOTOGRAPHS

CALL ON

ABBOTT FOR PHOTOGRAPHS

OFFICE OVER AUBURN POST OFFICE

A First Class, Up-to-Date Studio Equipped For High Class Work

Abbott has been doing the college work
for the past 12 years which is sufficient
guarantee of the work he turns out.

Open Every Friday From 9:30 to 3:30

When you get your new uniform, call
and see him.

CLOTHES

Cleaned, Steamed
and Pressed by the
College Pressing
Club. Work as
good as the Best.

Prices as cheap as the
cheapest.

J. B. Greene, Pres. Jos. H. Smith, Cashier

The Bank of Opelika, Opelika, Ala.

Capital Stock	\$100,000.00
Surplus and Profits	\$30,000.00
Deposits over	\$400,000.00
Resources over	\$500,000.00

First and Oldest Bank in Lee County

W. B. Gullatte will continue
to represent The Bank
of Opelika in
Auburn

Your Patronage will be
Appreciated

J. A. HARRIS Druggist

OPELIKA, - ALABAMA
Eastman's Kodaks, and
Supplies. Eyestested free.
Glasses fitted correctly by
a graduated Optician.
Prescriptions filled day
and night.

PHONE NO. 174

This Space Reserved for
WRIGHT BROS.

Watch for Their Ad in Next Issue

D'ANCONA & CO.
TAILORS
CHICAGO

This Space Reserved for us

This Space Reserved for
WRIGHT BROS.

Watch for Their Ad in Next Issue

D'ANCONA & CO.
TAILORS
CHICAGO

This Space Reserved for us

FINE TAILOR-MADE CLOTHES

I am showing all of the smartest effects in Greens and Browns, suited especially for College Boys. I can make you any kind of suit you want. Make all clothes to suit your fancy. Make my store headquarters when you come to Opelika, and if you are in a rush for a suit, call on

C. F. CARTER

and he will phone me.

J. A. GREENE

THE TAILOR

OPELIKA, - ALABAMA

FINE TAILOR-MADE CLOTHES

I am showing all of the smartest effects in Greens and Browns, suited especially for College Boys. I can make you any kind of suit you want. Make all clothes to suit your fancy. Make my store headquarters when you come to Opelika, and if you are in a rush for a suit, call on

C. F. CARTER

and he will phone me.

J. A. GREENE THE TAILOR

OPELIKA, - ALABAMA

DORSEY

SELLS

Furniture and Phonographs

ISHAM J. DORSEY

OPELIKA, ALA.

Auburn Students

Are invited to make
their headquarters,
when in Montgomery
at

McGehee Bros. Drug Store
25 Dexter Avenue

SMOKE

ARORA RESAGOS

5c Straight

NONE BETTER

Mayer & Mohr Cigar Co.

Montgomery, Alabama

DISTRIBUTORS

EL SIDELO

EL PRINCIPE DE GALES

SAN FELICE CIGARS

H. M. Hobbie Gro. Co.

Montgomery

State Distributors

A. J. Kaufman

Leading Men's
Outfitter

Montgomery, Ala.

5 Dexter Ave.

WHEN

Your Shoes need Repairing.
take them to

GEO. BEDELL

All work neatly done on short
notice.

DORSEY

SELLS

Furniture and Phonographs

ISHAM J. DORSEY

CAPELIKA, ALA.

Auburn Students

Are invited to make
their headquarters,
when in Montgomery
at

McGehee Bros. Drug Store
25 Dexter Avenue

SMOKE

ARORA RESAGOS

5c Straight

NONE BETTER

Mayer & Mohr Cigar Co.

Montgomery, Alabama

DISTRIBUTORS

EL SIDELO

EL PRINCIPE DE GALES

SAN FELICE CIGARS

H. M. Hobbie Gro. Co.

Montgomery

State Distributors

A. J. Kaufman

Leading Men's
Outfitter

Montgomery, Ala.

5 Dexter Ave.

WHEN

Your Shoes need Repairing,
take them to

GEO. BEDELL

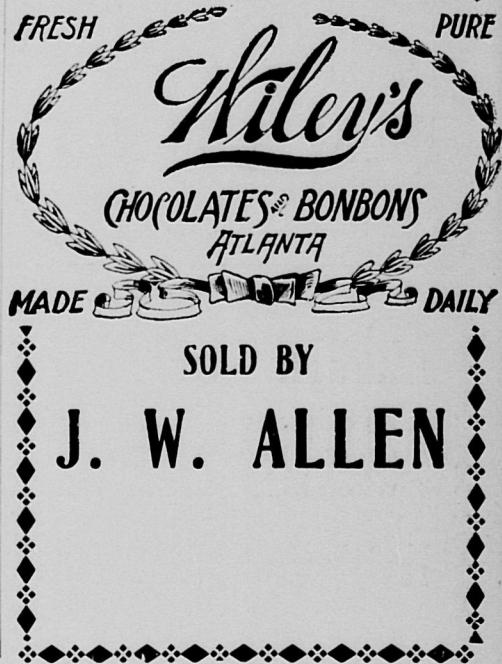
All work neatly done on short
notice.

How 'bout it Boys?

Wouldn't a new Rug, a
new pair of Curtains, a lit-
tle new Drapery help the
room or Chapter House?

We're always glad to show
you what we have

Kahn & Blumenfeld



Help the Advertisers
in the
Orange and Blue
by
giving them your
Patronage

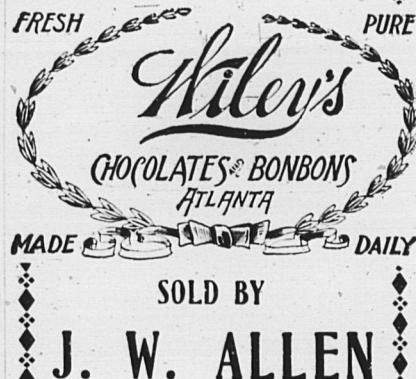
How 'bout it Boys?

Wouldn't a new Rug, a
new pair of Curtains, a lit-
tle new Drapery help the
room or Chapter House?

We're always glad to show
you what we have

Kahn & Blumenfeld

Help the Advertisers
in the
Orange and Blue
by
giving them your
Patronage



THE
KANDY KITCHEN

J. W. ALLEN, Proprietor

**CIGARS
TOBACCO**

**CANDIES
SOFT DRINKS**

Gent's Furnishings

**Bicycle Supplies, Sporting Goods, Stationery,
Toilet Articles, Canned Meats,
Crackers, Cakes, Etc.**

**Everything for the inner man that's
good to eat or drink, you can get at**

Allen's Place

THE
KANDY KITCHEN

J. W. ALLEN, Proprietor

CIGARS
TOBACCO

CANDIES
SOFT DRINKS

Gent's Furnishings

Bicycle Supplies, Sporting Goods, Stationery,
Toilet Articles, Canned Meats,
Crackers, Cakes, Etc.

Everything for the inner man that's
good to eat or drink, you can get at

Allen's Place



THE SUPERIOR QUALITY UNIFORMS

HAVE NO EQUAL FOR
DURABILITY
STYLE OR
FIT.

Try one and you will
always wear one

Manufactured Only by

The Henderson-Ames Co.

Kalamazoo, Mich.

MILITARY OUTFITTERS

PRINTING

We make a Specialty of Printing
for fraternities and other college
organizations. Telephone No.
75 or 1065. : : :

POST PUBLISHING CO.
OPELIKA, ALA.



THE SUPERIOR QUALITY UNIFORMS

HAVE NO EQUAL FOR
DURABILITY
STYLE OR
FIT.

Try one and you will
always wear one

Manufactured Only by
The Henderson-Ames Co.

Kalamazoo, Mich.

MILITARY OUTFITTERS

PRINTING

We make a Specialty of Printing
for fraternities and other college
organizations. Telephone No.
75 or 1065. : : :

POST PUBLISHING CO.
OPELIKA, ALA.

HOLLINGSWORTH, SCHUESSLER & NORMAN

OPELIKA HEADQUARTERS FOR AUBURN STUDENTS

It will be a pleasure to show you our lines of Kuppenheimer and Hamburger Clothing, Hanan and Walk Over Shoes, Young's Hats, Etc

J.C. CONDON

JEWELER

South 8th St., - OPELIKA, ALA.

Invites you to call and see his large stock of the latest novelties

Watches
of all kinds.

Medals and Badges
of all kinds made to order.

Watch Repairs A Specialty

BOB FOSTER

Will do your Pressing and Cleaning at Reasonable prices.

All Your Pressing Done for
\$1 a Month.

Come to see him on lower floor of the old Post Office.

Hot and Cold Baths

Can now be had at the Orange
and Blue Barber Shop

E. RENFRO, Prop.

HOLLINGSWORTH, SCHUESSLER & NORMAN

OPELIKA HEADQUARTERS FOR AUBURN STUDENTS

It will be a pleasure to show you our lines of Kuppenheimer and Hamburger Clothing, Hanan and Walk Over Shoes, Young's Hats, Etc

J.C. CONDON

JEWELER

South 8th St., - OPELIKA, ALA.

Invites you to call and see his large stock of the latest novelties

Watches
of all kinds.

Medals and Badges
of all kinds made to order.

Watch Repairs A Specialty

BOB FOSTER

Will do your Pressing and Cleaning at Reasonable prices.

All Your Pressing Done for
\$1 a Month.

Come to see him on lower floor of the old Post Office.

Hot and Cold Baths

Can now be had at the Orange and Blue Barber Shop

E. RENFRO, Prop.

E. Z. Heard

DEALER IN

Hardware, Feed Stuffs,
Fruits, Staple and
Fancy Groceries

A nice line of candies and
cigars always on hand

Phone No. 6X Main St.

SEE

M. J. Haynie & Co.

FOR ALL KINDS OF

Furniture,
Stoves,
Lamps,
Pictures,
Window Shades,
Curtains, Etc.

Picture Frames Made to Order

BURTON'S BOOK STORE

THE
BEST



Drawing Outfits

Stationery of all kinds

Books, New and Second Hand

Post Cards

Generally the Cheapest;

Always the Best

Something New Every Day

E. Z. Heard

DEALER IN

Hardware, Feed Stuffs,
Fruits, Staple and
Fancy Groceries

A nice line of candies and
cigars always on hand

Phone No. 6X Main St.

SEE

M. J. Haynie & Co.

FOR ALL KINDS OF

Furniture,
Stoves,
Lamps,
Pictures,
Window Shades,
Curtains, Etc.

Picture Frames Made to Order

BURTON'S BOOK STORE

THE
BEST



Drawing Outfits

~~Stationery of all kinds~~

Books, New and Second Hand

Post Cards

Generally the Cheapest;
Always the Best

Something New Every Day

R. W. BURTON,

Auburn, Ala.

Carries an ample line of

Drawing Materials

and Surveying Instruments
of Keuffel & Esser Co.
New York.

K. & E. goods need no recommendation; they are the acknowledged standard of best quality.

K. & E. SLIDE RULES

are engine divided and have a patented adjustment which insures permanent, even working of the slide.

A. L. DILLARD

Staple and Fancy Groceries,
Confectioneries, Tobacco,
Corn, Bran and Feed
Stuffs

AUBURN, ALA.

A. P. COLLIER DRUGGIST

S. Railroad Ave. Opelika, Ala.

YOUNG MEN

Come to see me for the newest things in Shirts, Ties, Hats, Shoes, and everything in a first class haberdasher store.

S. A. DOWDELL

Successor to Samford & Dowdell
OPELIKA, ALABAMA

JIM CARD

THE CRIPPLE

He is a whole-souled fellow,
but he only

Halt-Soles Shoes

You'll find him at the old Post Office

WE SELL

WHAT COLLEGE MEN WEAR

Hart, Schaffner &
Marx Clothes
Clapp's Shoes
Ralston Shoes
Knox Hats
Full Peg Top
Trousers

ONE PRICE

R. M. Greene, Jr.

OPELIKA, ALA.

R. W. BURTON,

Auburn, Ala.

Carries an ample line of

Drawing Materials

and Surveying Instruments
of Keuffel & Esser Co.
New York.

K & E. goods need no recommendation; they are the acknowledged standard of best quality.

K. & E. SLIDE RULES

are engine divided and have a patented adjustment which insures permanent, even working of the slide.

A. L. DILLARD

Staple and Fancy Groceries,
Confectioneries, Tobacco,
Corn, Bran and Feed
Stuffs

AUBURN, ALA.

A. P. COLLIER DRUGGIST

S. Railroad Ave. Opelika, Ala.

YOUNG MEN

Come to see me for the newest things in Shirts, Ties, Hats, Shoes, and everything in a first class haberdasher store.

S. A. DOWDELL

Successor to Samford & Dowdell
OPELIKA, ALABAMA

JIM CARD

THE CRIPPLE

He is a whole-souled fellow,
but he only

Half-Soles Shoes

You'll find him at the old Post Office

WE SELL

WHAT COLLEGE MEN WEAR

Hart, Schaffner &
Marx Clothes
Clapp's Shoes
Ralston Shoes
Knox Hats
Full Peg Top
Trousers

ONE PRICE

R. M. Greene, Jr.

OPELIKA, ALA.

32 YEARS

Of Experience

POMP FOSTER

Is the Barber

I THANK YOU IN ADVANCE

GO TO
J. T. HUDSON

For Groceries, Dry Goods,
Cakes, Candies, Tobacco,
Cigars and Cold "Dope."

DRAYING A SPECIALTY

PHONE 4X

PHONE 10

For the best in
Fancy Groceries,
Fruit and Candies
Agents for Huy-
ler's Candy.

Prompt Attention Given Orders

Graves & Ingram

"THE STORE OF QUALITY"

**Phillips-Yarbrough
Hardware Co.**

(Incorporated Capital Stock \$50,000.00)

Wholesale and Retail
Hardware and Crockery

811-813 South Railroad Avenue
OPELIKA, ALA.

**Miss Lula Ward's
Place**

is the best and most
select place in town.
Everything in the
GENERAL MERCHANDISE LINE

**SNAPPY
FURNISHINGS**

That
**Fit Well Wear Well
Look Well**

Eclipse Shirts,
H. & I. Collars,
Gotham Hats,
Noxall Hats,
Meyer Gloves,
King Quality Shoes,
French, Shriner & Urner Shoes

Sold Exclusively by
Kahn & Blumenfeld
OPELIKA, ALA.

32 YEARS

Of Experience

POMP FOSTER

Is the Barber

I THANK YOU IN ADVANCE

GO TO
J. T. HUDSON

For Groceries, Dry Goods,
Cakes, Candies, Tobacco,
Cigars and Cold "Dope."

DRAYING A. SPECIALTY

PHONE 4X

PHONE 10

For the best in
Fancy Groceries,
Fruit and Candies
Agents for Huy-
ler's Candy.

Prompt Attention Given Orders

Graves & Ingram

"THE STORE OF QUALITY"

**Phillips-Yarbrough
Hardware Co.**

(Incorporated Capital Stock \$50,000.00)

Wholesale and Retail
Hardware and Crockery

811-813 South Railroad Avenue
OPELIKA, ALA.

**Miss Lula Ward's
Place**

is the best and most
select place in town.
Everything in the

GENERAL MERCHANDISE LINE

**SNAPPY
FURNISHINGS**

That
Fit Well Wear Well
Look Well

Eclipse Shirts,
H. & I. Collars,
Gotham Hats,
Noxall Hats,
Meyer Gloves,
King Quality Shoes,
French, Shriner & Urner Shoes

Sold Exclusively by
Kahn & Blumenfeld
OPELIKA, ALA.

College City Laundry

Everything Up-To-Date

A. H. BUCHANAN, Prop.

J. W. WRIGHT

Hardware, Tinware,
Cutlery, Wagon
Material, Coffins,
Caskets, Etc.

AUBURN, ALABAMA

H. R. BAKER

Dealer in

Dry Goods,
Staple and Fancy
Groceries.

AUBURN, ALABAMA

E. RENFRO

ORANGE AND BLUE
BARBER SHOP

Here you can get the Best
Shave and Hair Cut.

Razor Honing a Specialty

Patronize the
Advertisers

in
The Orange and
Blue

College City Laundry

Everything Up-To-Date

A .H. BUCHANAN, Prop.

J. W. WRIGHT

Hardware, Tinware,
Cutlery, Wagon
Material, Coffins,
Caskets, Etc.

AUBURN, ALABAMA

H. R. BAKER

Dealer in

Dry Goods,
Staple and Fancy
Groceries.

AUBURN, X X ALABAMA

E. RENFRO

ORANGE AND BLUE
BARBER SHOP

Here you can get the Best
Shave and Hair Cut.

Razor Honing a Specialty

Patronize the

Advertisers

in

The Orange and
Blue

Alabama Polytechnic Institute

COURSES OF INSTRUCTION: The courses of instruction include the Physical, Chemical and Natural Sciences, and with their applications; Agriculture, Mechanics, Astronomy, Mathematics, Civil and Electrical Engineering, Mining Engineering, Architecture, Drawing, English, French, German and Latin Languages, History, Political Economy, Mental Science, Physiology, Veterinary Science and Pharmacy. There are nine regular courses: (1) Civil; (2) Electrical; (3) Mechanical; (4) Architecture; (5) Mining Engineering; (6) Agriculture; (7) Chemistry; (8) Pharmacy; (9) Latin Science. (1) Course in Pharmacy Ph. G.; (2) Course in Veterinary Medicine, D. V. M.

LABORATORY INSTRUCTION: Laboratory instruction and practical work are given in the following departments: 1. Civil Engineering. 2. Electrical Engineering. 3. Telephone Engineering. 4. Mechanical Engineering. 5. Architecture. 6. Mining Engineering. 7. Mechanic Arts. 8. Technical Drawing. 9. Agriculture (Farm 304 acres, varied experiments). 10. Veterinary Science. 11. Horticulture. 12. Animal Industry, Five thoroughbred herds. Dairy. 13. Chemistry, Metallurgy, Assaying. 14. Pharmacy. 15. Physics. 16. Mineralogy. 17. Bacteriology. 18. Botany. 19. Biology. 20. Entomology.

ATTENDANCE: The attendance last year was 617, representing twelve States and two foreign countries; 66 counties of Alabama being represented.

LOCATION: The College is located in the town of Auburn, sixty miles east of Montgomery, on the line of the Western Railroad.

BOARDING: The College has no barracks or dormitories, and the students board with families of the town of Auburn, and thus enjoy all the protecting and beneficial influences of the family circle.

EXPENSES: There is no charge for tuition for residents of Alabama. Incidental fee per half session, \$2.50; Laundry Fee (first term) \$5.00; library fee per half session, \$1.00; surgeon's fee per half session, 2.50; laboratory fees in junior and senior years, \$5.00 per session; board per month \$12.00 to \$15.00. At houses rented by the College, board can be secured at \$9.50 per month. These fees payable on matriculation.

**CHAS. C. THACH, A. M., LL. D.,
President.**

Alabama Polytechnic Institute

COURSES OF INSTRUCTION: The courses of instruction include the Physical, Chemical and Natural Sciences, and with their applications; Agriculture, Mechanics, Astronomy, Mathematics, Civil and Electrical Engineering, Mining Engineering, Architecture, Drawing, English, French, German and Latin Languages, History, Political Economy, Mental Science, Physiology, Veterinary Science and Pharmacy. There are nine regular courses: (1) Civil; (2) Electrical; (3) Mechanical; (4) Architecture; (5) Mining Engineering; (6) Agriculture; (7) Chemistry; (8) Pharmacy; (9) Latin Science. (1) Course in Pharmacy Ph. G.; (2) Course in Veterinary Medicine, D. V. M.

LABORATORY INSTRUCTION: Laboratory instruction and practical work are given in the following departments: 1. Civil Engineering. 2. Electrical Engineering. 3. Telephone Engineering. 4. Mechanical Engineering. 5. Architecture. 6. Mining Engineering. 7. Mechanic Arts. 8. Technical Drawing. 9. Agriculture (Farm 304 acres, varied experiments). 10. Veterinary Science. 11. Horticulture. 12. Animal Industry, Five thoroughbred herds. Dairy. 13. Chemistry, Metallurgy, Assaying. 14. Pharmacy. 15. Physics. 16. Mineralogy. 17. Bacteriology. 18. Botany. 19. Biology. 20. Entomology.

ATTENDANCE: The attendance last year was 617, representing twelve States and two foreign countries; 66 counties of Alabama being represented.

LOCATION: The College is located in the town of Auburn, sixty miles east of Montgomery, on the line of the Western Railroad.

BOARDING: The College has no barracks or dormitories, and the students board with families of the town of Auburn, and thus enjoy all the protecting and beneficial influences of the family circle.

EXPENSES: There is no charge for tuition for residents of Alabama. Incidental fee per half session, \$2.50; Laundry Fee (first term) \$5.00; library fee per half session, \$1.00; surgeon's fee per half session, 2.50; laboratory fees in junior and senior years, \$5.00 per session; board per month \$12.00 to \$15.00. At houses rented by the College, board can be secured at \$9.50 per month. These fees payable on matriculation.

CHAS. C. THACH, A. M., LL. D.,

President.



The New Place

**CONFETIONS, TOBACCOS,
JACOB'S FRESH CANDIES
ALWAYS ON HAND**

Ice Cream Parlor AND BRAND NEW SODA FOUNT

Clean, Bright, Attractive

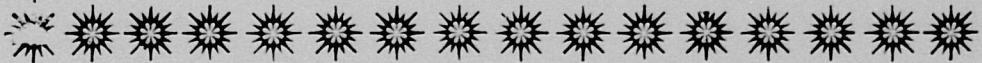
We especially solicit the patronage of

The Ladies

BOYS, I THANK YOU IN ADVANCE

Sincerely yours,

F. P. Whatley
BANK BUILDING



15 7

ORANGE & BLUE

FOOT-BALL EDITION



'09

Dickson Hardware Co.

are agents for the

GREAT MAJESTIC RANGE

Best on earth. If you don't believe it, call at the Dining Hall and see the big one.

Howdy Fellows

A Clean Shave
and a neat Hair
Cut always on
Tap at

BILL'S PLACE

This is a Store

Where Shopping is made Easy, by having what you want, when you want it. Make a specialty of ready-to-wear Garments for Ladies and Misses, and stand ready to show you.

The High Art Store

H. G. Adams, Prop.

OPELIKA. - ALABAMA

The New Place

CONFECTIONS, TOBACCOES,
JACOB'S FRESH CANDIES
ALWAYS ON HAND

**Ice Cream Parlor
AND BRAND NEW SODA FOUNT**

Clean, Bright, Attractive

We especially solicit the patronage of

The Ladies

BOYS, I THANK YOU IN ADVANCE

Sincerely yours,

F. P. Whatley
BANK BUILDING

FLANAGAN'S

The Place For Everything
That Pleases College Men



Remember we are headquarters for Spalding's Athletic and Sporting Goods. Auburn pennants and souvenirs of all kinds. Can also have them made up any way you wish. The biggest and best line of Shoes, and Gents' Furnishings in sixty miles of here. Will be glad to show you through.

T. A. FLANAGAN
AUBURN, ALA.

Dickson Hardware Co.

are agents for the

GREAT MAJESTIC RANGE

Best on earth. If you don't believe it, call at the Dining Hall and see the big one.

Howdy Fellows

A Clean Shave
and a neat Hair
Cut always on
Tap at

BILL'S PLACE

This is a Store

Where Shopping is made Easy, by having what you want, when you want it. Make a specialty of ready-to-wear Garments for Ladies and Misses, and stand ready to show you.

The High Art Store

H. G. Adams, Prop.

OPELIKA. - ALABAMA

FRESH FLOWERS FOR ALL PURPOSES

Roses, Carnations, Lillies,
Chrysanthemums, and Orchids;
Grown by Auburn "Grads."
(The "Pats")
Write, Phone or Wire

ROSEMONT GARDENS Montgomery, Ala. L. D. PHONE 200

DR. CECIL S. YARBROUGH
Physician and Surgeon

Office in Bank Building

Dr. O. M. Steadham
PHYSICIAN

And Dealer in
Drugs, Toilet
Articles, and all
Kinds of Cold
Drinks.

For Furniture

And anything in the
house furnishing
line

SEE
JAS. T. FREDERICK
OPELIKA, ALA.

Undertaking Dep-
artment in charge of
J. W. Crossley, an ex-
perienced embalmer
and undertaker.

FLANAGAN'S

The Place For Everything
That Pleases College Men



Remember we are headquarters for Spalding's Athletic and Sporting Goods. Auburn pennants and souvenirs of all kinds. Can also have them made up any way you wish. The biggest and best line of Shoes, and Gents' Furnishings in sixty miles of here. Will be glad to show you through.

T. A. FLANAGAN
AUBURN, ALA.

FRESH FLOWERS FOR ALL PURPOSES

Roses, Carnations, Lillies,
Chrysanthemums, and Orchids;
Grown by Auburn "Grads."
(The "Pats")
Write, Phone or Wire

ROSEMONT GARDENS Montgomery, Ala. L. D. PHONE 200

DR. CECIL S. YARBROUGH
Physician and Surgeon

Office in Bank Building

Dr. O. M. Steadham
PHYSICIAN

And Dealer in

Drugs, Toilet
Articles, and all
Kinds of Cold
Drinks.

For Furniture

And anything in the
house furnishing
line

SEE
JAS. T. FREDERICK
OPELKA, ALA.

Undertaking Dep-
artment in charge of
J. W. Crossley, an ex-
perienced embalmer
and undertaker.